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ABSTRACT

This outline of East-West Center professional development and research projects planned for 1973-74 and 1974-75 is published to provide as much information as possible to cooperating organizations and to potential cosponsors of the center's projects. The projects provide a forum in which women and men from Asia, the Pacific area, and the United States can exchange ideas and experiences and seek solutions to mutual problems. Project participants are nominated by the cooperating institutions and agencies. Nominees must meet the educational and experience criteria established for each project, show evidence of career commitment to the problem being studied, and demonstrate a willingness and ability to contribute to cultural interchange. The workshops, conferences, and research projects are listed by name under the center's sponsoring institute: (1) East-West Communication Institute; (2) East-West Culture Learning Institute; (3) East-West Food Institute; (4) East-West Population Institute; (5) East-West Technology and Development Institute. A brief description of projects, including dates, cooperating agencies, and the name of each project coordinator, is provided. A short vita for staff of each institute is also included. (Author/RM)

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JUN 7 1974

EAST-WEST CENTER

Center for Cultural and Technical Interchange Between East and West

Professional Development and Research

1973-74

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION
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THE EAST-WEST CENTER was established in Hawaii by the United States Congress in 1960. The Center brings together about 1,500 men and women each year from the many cultures of Asia, the Pacific area and the United States to exchange ideas and experiences. They engage in a variety of cooperative programs of advanced study, mid-career professional development and research applied to seeking solutions to mutual problems.

Formally known as the "Center for Cultural and Technical Interchange Between East and West," the national educational institution is administered in cooperation with the University of Hawaii to further the broad goal of fostering better relations and mutual understanding among the peoples of the United States, Asia and the Pacific area.

For each participant in Center programs from the United States, two participants come from countries in Asia and the Pacific area. They represent more than 40 countries and territories ranging from Japan to Iran, from Micronesia in the Pacific basin to Australia and New Zealand.

Five institutes with multinational, interdisciplinary staffs conduct the Center's problem-oriented programs in communication, culture learning, food systems, population dynamics, and adaptive technology and development. To provide necessary flexibility in meeting Center goals, a limited number of awards also are offered for graduate study and research by men and women whose academic and professional interests are not directly related to the problem-oriented programs.

In many cases U.S. Congressional appropriations for cooperative programs are supplemented by cost-sharing contributions from Asian/Pacific governments, regional agencies and private foundations.

Fundamental to Center goals is the interchange of information, ideas and beliefs in an atmosphere of academic freedom. Center programs combine theory and practice in helping prepare present and future leaders for dealing with real life problems of mutual concern to the peoples of East and West. Because of this emphasis on interchange, the Center is described as a "learning" institution, rather than a "teaching" institution. Experience at the East-West Center in its formative years has led to the conviction that deeper cultural understanding, mutual respect and bonds of trust are achieved when men and women of diverse nationalities and cultures study and work together on team projects defining, seeking and testing alternative solutions to the common problems affecting the quality of life.

The Center brings together three main types of participants in its programs.

- The largest category each year is composed of short-term participants in professional development projects conducted by the Institutes. The projects are cooperatively designed and financed with organizations contributing to the development of mid-level and upper-level professionals in various fields of endeavor covered by Center programs.
- Awards for degree study, mainly at the graduate level, are made for participants who take their classes—and get their degrees—from the University of Hawaii, while also engaging in complementary study and research in Center programs. The East-West Center awards Certificates to participants satisfactorily completing its programs.
- Fellow awards are offered to distinguished scholars and experienced professionals for research and other activity in Center programs.

To promote cultural interchange and to provide the best thinking from East and West, the professional staff of the Center includes outstanding men and women of a dozen different nationalities, of diverse academic disciplines and wide practical experience. This multi-national East-West Center staff, in association with the University of Hawaii, provides the basis for growing cooperative relationships with universities and other institutions in Asia, the Pacific area and the United States.

An integral part of each Center program is a resource materials collection for the use of scholars, practitioners and institutions. Scholarly works related to Center programs are published as **East-West Center Books** through joint arrangements with the University Press of Hawaii.

Most students and professional development participants live in residence halls of the East-West Center, which is adjacent to the Manoa campus of the University of Hawaii.

The East-West Center is operated under a contract between the University of Hawaii Board of Regents and the Bureau of Educational and Cultural Affairs of the U.S. Department of State. A National Review Board appointed by the Secretary of State represents the national interest in the Center.

Since 1960, nearly 25,000 men and women have participated in East-West Center programs.

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FOREWORD

Described on the following pages are professional development and research projects planned for 1973-74 by the five problem-oriented institutes of the East-West Center. Wherever feasible, projects proposed for 1974-75 also are included. By design, cooperative professional development and research projects are the most flexible of the Center's educational activities. They offer the greatest opportunities for innovation and establishment of enduring institutional links involving organizations in Asia, the Pacific area and the United States.

The educational emphasis at the Center is on "learning," rather than on teaching. The Center's international staff and participants, working together across national and cultural lines on problems of common concern, contribute to the exchange of ideas and knowledge in the search for mutual understanding. Everyone who comes to the East-West Center is expected to share with other members of the East-West Center community an interest in, and concern for, the cultural and educational goals of the Center.

More than 1,200 men and women participate each year in professional development projects, many of which are related to research conducted by the Institutes. Participants, in general, are mid-level and upper-level professionals from government agencies, education and business. They come from many different countries and with varying educational and occupational backgrounds.

Professional development and research projects are planned, financed, and conducted in cooperation with a wide range of institutions in Asia, the Pacific and the United States. In most cases the participants in professional development projects are nominated by the cooperating institutions and agencies with whom costs are shared on a mutually-arranged basis.

Nominees for professional development projects must meet the educational and experience criteria established for each project, show evidence of career commitment to the problem focus of the Institute conducting the project, and demonstrate a willingness and ability to contribute to cultural interchange. Final selections are made by each Institute, which arranges for housing, provides a modest allowance for food and incidental expenses, and supplies other resources needed to carry out the project.

Research projects are cooperatively designed, frequently as a result of conferences and seminars which help guide the Center's programs. Efforts are made to develop team efforts in research projects, involving staff members in a variety of disciplines as well as Fellows and Visiting Researchers invited by the Institutes for specific projects.

This outline of East-West Center research and professional development projected for 1973-74 and 1974-75 is published to provide as much information as possible to cooperating organizations, and potential co-sponsors of the Center's projects. Practically every cooperative professional development and research project carried out at the East-West Center results in new ideas, and refinement of present program thrusts, by participants from Asia, the Pacific area and the United States. Ever wider participation is sought within the limits of Center funding and the growing contributive efforts of co-sponsoring organizations.

Preliminary planning for professional development and research projects usually begins several years in advance. It must be emphasized that the projects listed in this publication for 1973-74, and for 1974-75, are subject to change for a variety of reasons, ranging from funding support to scheduling and cooperative design difficulties inherent in multinational projects conducted on the basis of mutual effort.

Organizations or individuals interested in obtaining more information about the projects listed should address inquiries to East-West Center field representatives in their respective countries, or they may write to the Director of the Institute involved. Information on the details of Center programs, advanced degree study scholarships and other activities may be found in the East-West Center Bulletin and in the Annual Report.

East-West Communication Institute

The East-West Communication Institute studies the problems of sharing information across cultures and between nations--the processes by which knowledge is exchanged, decisions arrived at, roles and relationships learned and signaled, social change stimulated and directed. The Institute is concerned with the flow of information which makes it possible for East and West to understand each other and to cooperate. Since human communication is an essential element in cultural and technical interchange, a better understanding of the process is basic to better understanding and relations between East and West. Research and professional development projects are conducted under three main subdivisions: Developmental Communication, Popular Culture, and International Communication.

DEVELOPMENTAL COMMUNICATION: In this area, the Institute is concerned with the role of communication in helping build a better quality of life for people, East and West. It studies the use of communication and different communication technologies in facilitating adjustment to social change and in altering the direction and pace of change toward improving the quality of life for individuals and nations. Work is conducted in three main areas: communication in support of population programs; instructional communication; developmental patterns and communication strategies.

PROFESSIONAL DEVELOPMENT

1. Agricultural Information Workshop — Aug. 13 - Sept. 21, 1973

Conducted in cooperation with the East-West Institute, the workshop enables 12 information specialists from the Pacific islands to share experiences with each other and to consider the potential usefulness for them of the agricultural information experience and practices of the United States and other countries. Activities include a review and analysis of the basic agricultural problems of each participant's home area, programs developed in response to those needs and the part that communication can play in making the program effective. Learning experiences are tailored to individual needs and interests, and participants are required to identify a message and program that message, which may be in a local language, for use on their return.

Project Coordinators: Dr. Lyle Webster, EWCI Consultant; Margaret White, EWCI Program Officer.

2. Communication Research Organizations Workshop — February 1974

The workshop will bring together representatives of the chief communication research organizations in Asia with representatives of the Institute and some of the principal research organizations on the U.S. mainland to exchange information and experience; lay the groundwork for cooperative research and continuing exchange of findings; and guide the Institute in its student programs, selection of some of its Fellows, and broadening of its documentation services.

Cooperating Institution: Stanford University.

Project Coordinator: Dr. Wilbur Schramm, EWCI Director; Margaret White, EWCI Program Officer.

3. First Modular Program of Professional Development in Population IEC (Information/Education/Communication) — Feb. 25 - May 3, 1974 (Also planned for 1975)

Approximately 40 population/family planning IEC workers at all levels will participate in the first large trial of new modular materials for training

information, education and communication specialists. As these materials are perfected, they will make training more cost- and time-effective; will permit larger groups to study at the same time; and ultimately will be portable in the sense of being usable by individuals and by Asian/Pacific countries for their own training courses. Participants will spend varying amounts of time in Honolulu depending on their selection of modules. Some will receive internships in Asian IEC programs.

Training for communicators in family planning programs has resulted in a significant body of qualified specialists. However, there has been little follow-up in the form of specialized training to strengthen and update the skills of such communication staff. The modular program is a flexible approach toward meeting the specific needs of the variety of personnel who make up an information/education operation. Its goal, however, is to equip these specialists to train others locally for the same functions.

Participants will include IEC administrators, planners, trainers, field workers supervisors, health educators, mass media people and consultants.

Prospective cooperating agencies: East-West Population Institute, University of Hawaii School of Public Health, Kapiolani Hospital, Instructional Resources Center, Hawaii Planned Parenthood, Hawaii State Department of Health, Chinese Center for International Training in Family Planning, and the Korean Family Planning Institute.

Project Coordinator: John Middleton, Coordinator, Task Group on Modular Professional Development Programs; Merry Lee San Luis, EWCI Program Officer.

4. Conference on Research Utilization — December 3 - 7, 1973

Participants will exchange ideas and experiences on the problem of making communication research and collected research findings more useful and more quickly available to development program administrators. Researchers will meet with administrators, practitioners, scholars and representatives of international agencies from some 20 countries to explore means of influencing research at its inception in order to make the results more usable for administrators and practitioners. The conference discussions will emphasize "users" of communication research. The experience of key institutions and individuals and project proposals now under consideration will be major topics of discussion. Conference participants will define the roles of "linker" individuals and institutions and discuss methods of disseminating research results.

Participants will include senior level administrators, practitioners and scholars from Asia, senior level researchers from the United States and Asia and representatives of international agencies interested in research dissemination.

Cooperating Institutions: U.S. Agency for International Development; Economic Commission for Asia and the Far East (ECAFE); the Ford Foundation; Inter-Governmental Coordinating Council; Population Council; Institute of Mass Communication, University of the Philippines; University of Michigan; University of Massachusetts; Smithsonian Institute.

Project Coordinators: James Echols, EWCI Consultant; Margaret White, EWCI Program Officer.

5. Regional Conference on Population Education — January 1974

Among the 50 participants will be many from the First Workshop for Population Education Program Development Specialists (July - September 1972) who will review progress made in population education programs since that workshop. They will evaluate the first workshop for use in planning the Second Workshop scheduled June 1974 (see below). The meeting will include country team reports, discussions on problems and lessons learned, verbal and written evaluation of the first workshop and field observation at local school and non-school population education programs. The conference will be held in Asia. Other purposes are to identify resources in Asia for supporting and developing population education, to decide on additional steps to be taken, and to discuss a worldwide network on institutions, agencies and individuals interested in population education.

Participants will include population educators and experts from Indonesia, Malaysia, the Philippines, Thailand, and the United States.

Cooperating agencies: The United Nations Fund for Population Activities, the Population Council, World Education and the Ford Foundation will contribute funds for the meeting.

Project Coordinators: Dr. Hichul Whang, EWCI staff; Merry Lee San Luis, EWCI Program Officer.

6. Workshop for Population Education Program Development Specialists June 1974

The workshop will be designed after recommendations developed at the regional conference in Asia in January 1974 described above. The nature of the workshop, its participants and the countries included will be determined at the working meeting. The goal of the project under which these meetings are funded is to identify Asian institutions capable of providing the research, professional development and related needs for population education in the region.

Cooperating Institutions: The United Nations Fund for Population Activities, the Population Council, World Education, the Ford Foundation.

Project Coordinators: Dr. Hichul Whang, EWCI staff; Merry Lee San Luis, EWCI Program Officer.

7. Instructional Television Collection Workshop February 1974 (Also planned for 1975)

About 20 participants will study prize-winning instructional television programs. The Institute has one of the pioneer libraries of Japan Prize television and radio programs. The workshop will be concerned with providing materials to go with the programs, and developing a pattern for using the resources most effectively.

Participants will be ITV producers, educators, teachers and educational administrators.

Prospective cooperating agencies: Japan Broadcasting Corporation (NHK); National Educational Television, Tokyo; and National Broadcast Training Center, Kuala Lumpur.

Project Coordinators: Dr. C. Ray Carpenter, EWCI Fellow; Margaret White, EWCI Program Officer.

8. Use of Commercial Resources in Population/Family Planning

About 40 persons are expected to participate in the conference to be held in Asia in response to requests growing out of an international conference on the same subject conducted in Honolulu in 1972. It provides an opportunity for population program directors from East and West to share experiences in the use of commercial resources in population/family planning communication programs, and allow them to develop and discuss potential application, if any, of commercial resources to their communication programs. Publications which may be helpful to directors in decisions related to the use of commercial resources will be developed.

Participants include 20 senior level administrators and information, education and communication (IEC) heads, 10 senior level representatives of commercial agencies, and 10 senior level observers representing international agencies. Representatives are expected from 20 countries in the region.

Prospective cooperating agency: Inter-governmental Coordinating Council, Kuala Lumpur.

Project Coordinators: To be named.

9. Administration and Management of IEC/Programs — Sept. 2 - 13, 1974

The workshop to be held in Asia for about 25 participants will be a follow-up in this priority area of IEC administration and management to the workshop on the same subject held in Honolulu as part of the first modular professional development program. IEC administrators in major Asian programs will assess the role of management as a variable in information-education activities. Participants will develop guidelines for the administration and management of IEC programs applicable across countries and cultures. Discussion will cover principles of management, resource allocation, personnel administration, program planning and evaluation.

Participants include 20 senior level administrators and managers and five representatives of international assistance agencies. Among countries expected to be represented are Bangladesh, Republic of China, Colombia, Egypt, El Salvador, Hong Kong, India, Indonesia, Iran, Kenya, Korea, Malaysia, Nigeria, Pakistan, Singapore, Sri Lanka, Turkey, U.S.

Prospective cooperating institutions: East-West Population Institute, University of Hawaii School of Public Health, University of the Philippines Institute of Mass Communication, and the Chinese Center for International Training in Family Planning.

Project Coordinator: To be named.

10. Communication Hardware and Software for Rural Communication
(tentative dates) Jan. 6 - 31, 1975

This is a planned regional professional development activity designed to increase knowledge about new and innovative low-cost technology for the support of development communication campaigns. Much of the advice given to developing country program administrators has emphasized far too sophisticated approaches to communication. The goal of this activity is to simulate rural Asian situations and explore practical ways to meet both hardware and software needs.

Participants will include approximately 30 IEC program administrators and specialists responsible for materials, development and testing in major Asian programs.

Project Coordinator: To be named.

11. Workshop on Evaluation of Population/Family Planning IEC (Information/Education/Communication) — July 1 - 12, 1974

The workshop for about 25 participants will be held in cooperation with an Asian institution involved in population/family planning communication. It will be a follow-up on an earlier basic presentation at the East-West Center as part of the Institute's first modular professional development program. Methodology based on sound scientific principles but simplified for ready application by population/family planning information, education and communication (IEC) administrators and other non-quantitative personnel will be the center of attention in the two-week workshop. The objectives of the project are: 1) to provide intensive specialized learning opportunities for administrators and program personnel responsible for making decisions between IEC strategies and tactics; 2) to explore alternative means of determining cost effectiveness in the application of IEC; and 3) to determine the collective contribution of single media and methods to campaigns. Full use will be made of case studies being developed in the population/family planning communication project at the Institute.

Participants will include 15 - 20 senior administrators of IEC programs and evaluation staff, and five representatives of international assistance agencies. Among countries expected to be represented are Afghanistan, Bangladesh,

Republic of China, Colombia, Costa Rica, Ghana, Hong Kong, India, Indonesia, Iran, Kenya, Korea, Malaysia, Nepal, Nigeria, Pakistan, Philippines, Singapore, Sri Lanka and the United States.

Prospective cooperating institutions: East-West Population Institute; University of the Philippines, Institute of Mass Communication; University of Washington; Institute of Mass Communication at Chulalongkorn University, Thailand; University of Hawaii.

Project Coordinator: To be named.

12. Conference on IEC Strategy for the Next Ten Years — Dec. 2 - 6, 1974

As part of the worldwide activities of the UN-sponsored World Population Year observance, the Institute has selected the priority subject of communication strategy to be discussed by 30 participants from among key representatives of United Nations agencies responsible for Asian and Pacific IEC activities as well as administrators responsible for national IEC programs and key private programs. Participants will begin by projecting the experience of the last ten years in IEC support to the future, exploring possible regional strategies designed to effectively exploit all available resources. They also will develop guidelines to coordinate public and private support for IEC activities and look for ways to mobilize multilateral IEC support activities.

The Institute selects an annual topic considered to be most timely and useful to population communication professionals. A consideration of communication strategy in population/family planning programs is projected for 1974 because some country programs with substantial communication resources, including skilled specialists, have not been able to integrate these resources into effective strategy to meet development goals.

Participants include 10 United Nations agency representatives, 10 country IEC representatives, and 10 non-government IEC representatives, all at the senior level, from the Asian/Pacific and USA with one or two representatives from Latin America and Africa.

Cooperating agencies: United Nations specialized agencies will participate in the organization and support of this conference.

Project Coordinator: To be named.

13. Training Internship Program — July 1973 - June 1974

Selected Asian and American administrators, educators and trainers will spend one to six months in residence at the East-West Communication Institute to work in the design, implementation and evaluation of professional development programs.

Project Coordinator: Dr. Robert Worrall, EWCI Assistant Director.

RESEARCH

1. Content Study of Family Planning Visual Material — Aug. 20, 1973 - Jan. 19, 1974

A case study will utilize the extensive collection of materials used in family planning campaigns. It is designed to reveal trends in non-verbal communication and suggest ways in which cultural differences have affected message development. Results of the study will be useful to designers of non-verbal messages in all development support campaigns.

Project Coordinator: Dr. Larry Kincaid, EWCI Research Associate.

Co-Investigators: Dr. Harrison Randall, Department of Communication, Michigan State University; and O. D. Finnigan, independent consultant (formerly with Population Council, USAID).

2. Program in Instructional Communication — Oct. 1, 1973 - June 30, 1975

With one Fellow from the United States and one Fellow from Asia, a beginning will be made in research, interpreting existing research findings, and planning workshops and seminars to advance the state of the art in the use of modern communication for educational development and to make more widely useful the findings of research in this field.

Project Coordinator: Dr. Wilbur Schramm, EWCI Director.

3. Taiwan's Utilization of Family Planning Research — July 1, 1973 - Feb. 28, 1974

Case studies will show how communication research has been used actively as an aid to development. A small number of specific research projects in family planning in Taiwan will be traced from the realization of the research process to initiation of projects which use the results of the research. Objectives are: (1) to describe how research results become utilized in operation programs in Taiwan; (2) to describe how research in Taiwan has affected family planning policy in other Asian areas; and (3) to explore the factors related to effective research utilization.

Coordinator: Dr. Larry Kincaid, EWCI Research Associate.

Cooperating Institution: Taiwan Provincial Department of Health.

Co-Investigators: Dr. Tom Sun, Executive Secretary, Committee on Family Planning, Provincial Health Department, Taiwan; George Cernada, Population Council Representative in Taiwan.

4. The Effectiveness of Communication Training and Strategies of Family Planning Field Workers — Jan. 1 - Dec. 31, 1974

Objectives are to (1) describe field worker programs from selection through training to field work, (2) identify strategies for overcoming resistance to, and misconceptions about, family planning. Interviews with participants in field worker programs will be carried out in (tentative choices): Indonesia, the Philippines, Bangladesh. Results will be shared through EWCI training programs and seminars.

Project Coordinator: Dr. Larry Kincaid, EWCI Research Associate.

Co-Investigators: Dr. Maggie Lim, EWCI Research Associate, and others to be named.

Cooperating Institutions: To be determined.

5. Use of Communication in the People's Republic of China — Sept. 1, 1973 - June 30, 1975

This study is a first step in relating a non-Western model of development to communication strategies.

Project Coordinator: Dr. Godwin Chu, EWCI Fellow.

6. Computer Analysis of Communication Documents — July 1, 1973 - June 30, 1974

Analysis of data on documents and other communication literature to identify current areas, gaps and trends in communication research.

Project Coordinator: Sumiye Konoshima, EWCI Resource Materials Specialist.

Cooperating Institution: Asian Mass Communication Research and Information Centre, Singapore.

7. Inventory-Analysis of International Support for Family Planning/Population IEC (Information/Education/Communication) 1970 - 1974

Funded by the Agency for International Development, the project aims at establishment of an international communication network in the area of population/family planning IEC through research and exchange of reports on resources and needs in this field. Another objective is to assist in institution building through information services. Country studies of the use and need for IEC in support of population/family planning programs are being conducted in Asia (16), Africa (6), Latin America (4). Two other sectors in the information series are: (1) some 30-35 comparable reports on support and services provided by major donor agencies and by key research and training centers; and (2) topical reports on key areas of IEC assistance such as training. In addition to these three types of reports, the project produces a bimonthly IEC Newsletter on new developments and research findings in the field, an annual Directory with profiles of nearly 60 sources of IEC assistance and services, annotated lists of documents in IEC available from the Institute and miscellaneous papers for seminars, conferences, etc.

Cooperating Institutions: Agency for International Development; Asia Foundation; Simon Population Trust; East-West Population Institute; and some 35 UN, donor, and international training agencies on a world-wide basis.

Project Director: David Radel, EWCI Research Associate and Coordinator, Task Group on Inventory-Analysis.

8. Korean Mothers' Classes: Study of Communication Effectiveness July 1 - Nov. 30, 1973

Using data already collected from a survey of 336 mothers' classes in family planning, a successful and an unsuccessful class were selected for intensive case study. Objectives are: (1) to describe the national mothers classes program, one of the most successful group projects in the population field; (2) to describe the development of a successful and an unsuccessful mothers' class; and (3) to explain which factors are responsible for an effective mothers' class operation. An Institute graduate student will work with faculty members of Seoul National University in the study.

Cooperating Institutions: Department of Public Health, Seoul National University; Planned Parenthood Federation of Korea.

Project Coordinator: Dr. Larry Kincaid, EWCI Research Associate.

Co-Investigators: Dr. Hyong-Jong Park, Dean, School of Public Health; Dr. Kyung-Kyoon Chung, Seoul National University; Chin-Chuan Lee, Institute Graduate Student.

9. Organizational Communication in Two Philippines Family Planning Organizations March 15- Nov. 1, 1973

The internal communications structures of one governmental and one non-governmental family planning organization are being studied to discover how to improve program effectiveness. Sociometric data are being obtained to measure the communication networks, and a survey of employes will be made to measure (1) quality of information, and (2) supervisor/subordinate relationships. Results will be distributed by the University of the Philippines and the Communication Institute.

Cooperating Institutions: Institute of Mass Communication, University of the Philippines.

Project Coordinator: Dr. Larry Kincaid, EWCI Research Associate.

Co-Investigators: Mr. Samuel A. Betty, Doctoral Candidate, Department of Communication, Michigan State University; Dr. Gloria Feliciano, Dean of the

Institute of Mass Communication, the University of the Philippines; Dr. Higino Ables, Co-Investigator, Institute of Mass Communication, University of the Philippines.

10. Use of Radio in Family and Population Planning Programs (Taiwan, Pakistan, and Hawaii) July 1, 1973 - June 30, 1974

This case study describes the factors which influence decision making in the process of designing and producing family planning messages for radio. Investigators will conduct interviews with key administrators and program writers, will make content analysis of programs, and review previously collected data. In addition to Institute staff, a Research Intern may be involved.

Project Coordinator: Dr. Florangel Rosario, EWCI Research Associate.

11. Role of Traditional Midwives in Family Planning Communication in Indonesia and Malaysia July 1 - Dec. 31, 1973

Research objective is to form general guidelines for the effective utilization of traditional midwives in family planning communication. Interviews will be held in Indonesia and Malaysia with key informants. Results will be discussed with officials in each country and used in Institute training programs. Those involved include Dr. Haryono Suyono, BKKBN, Indonesia; Dr. Does Sampoerno, School of Public Health, University of Indonesia; and Dr. Abdul Rahman Shamsuddin, Director-General of NFPB, Malaysia.

Cooperating Institutions: Indonesia Planned Parenthood Association; School of Public Health, University of Michigan.

Project Coordinator: Dr. Robert Worrall, EWCI Assistant Director.

Co-Investigators: Dr. Everett M. Rogers, University of Michigan; Sri Djuarini, Director of Research, Indonesian Planned Parenthood Association; Dr. J. Y. Peng, Department of Population Planning, School of Public Health, University of Michigan; Douglas Solomon, EWCI Graduate Student.

12. Increasing Elite Support for Population Programs: An Analysis of the Need for New Strategies in Population Information, Education and Communication Aimed at Leadership Groups (with Special Reference to Kenya) October 1972 - December 1973

The study will provide a basis for a recommended program of elite education based on the intensive analysis of interviews conducted with Kenyans. Information on elite attitudes in other countries and responses to expressed needs will be included. The main intent of the study is to demonstrate to IEC program administrators the need for designing specialized messages for elite groups. In the course of doing this, it will also examine the gap between the current knowledge elites have about population and family planning programs and the level of knowledge that is available.

Project Coordinator and Chief Investigator: David Radel, EWCI Research Associate.

13. Use of Traditional Media to Promote Family Planning September 1, 1973 - June 30, 1974

Field research is planned for Indonesia, Thailand and India to describe and document the current use of traditional media, such as the Wajang Kulit of Indonesia, to promote family planning values and practices, and to determine the feasibility of extending the coverage of traditional media with modern technology such as slide projectors and cassette recorders. Research will include a search of existing studies, interviews with key family planning officials and owners of traditional media, and observation of current programming.

Project Coordinator: Ronny Adhikarya, EWCI Staff Researcher.

Co-Investigators: To be named.

14. Case Studies of the Impact of Communication Upon Individual Family Planning Decision Making — 1974

A small sample of eligible couples will be interviewed in order to reconstruct in detail the decision-making process which led them to (1) accept family planning, (2) reject family planning, or (3) avoid deciding about family planning. Intensive interviews will be conducted over an extended period of time in order to construct a tentative decision-making model which will be tested on a larger scale in the future. Special emphasis will be placed upon the sources of communication which individuals use at different stages in the decision making process to support their expectations regarding the outcomes of family planning, the values placed upon those outcomes, and their subjective estimates of the probability of occurrence for each outcome.

Cooperating Institutions: Graduate School of Mass Communication, Seoul National University. Others to be named.

Project Coordinator: Dr. Larry Kincaid, EWCI Research Associate.

Co-Investigators: Dr. Il Chul Kim and Dr. Bae Keun Cha, Graduate School of Mass Communication, Seoul National University. Others to be named.

15. A Comparative Study of Advisory Services to Newly-Weds in Singapore and Taiwan — July 1, 1974 - June 30, 1975

The project aims to describe and evaluate the newly-wed advisory service programs in Singapore and Taiwan. Research will include interviews with key officials and newly-wed clients, analysis of materials used, collection of secondary data.

Project Coordinator: Dr. Larry Kincaid, EWCI Research Associate.

16. Analysis of El Salvador's PATER Communication Campaign — July 1, 1974 - June 30, 1975

The objective is to describe and evaluate the effectiveness of integrated multi-media saturation campaigns to promote family planning in El Salvador. All relevant material used in each campaign will be collected and analyzed, and interviews will be conducted with key informants. Previous evaluative data would be re-analyzed and updated to measure impact.

Cooperating Institution: Demographic Association of El Salvador.

Project Coordinator: Dr. Larry Kincaid, EWCI Research Associate.

Co-Investigators: Dr. John McNelly, Department of Journalism and Mass Communication, University of Wisconsin; and Lic. Querubina Henriques de Paredes, Association Demografica Salvadorena.

17. Summer Program of Advanced Studies — July 1, 1973 - June 30, 1974 (Also 1975)

In collaboration with Stanford University, approximately 10 scholars will be brought together for two months to work on delineating the different models of development and the communication strategies that fit with them.

Project Coordinator: Dr. Wilbur Schramm, EWCI Director.

18. Research Internships July 1, 1973 - June 30, 1975

A small number of interns will be provided with training opportunities to further their skills in research techniques and provide experience in relating research competencies to developmental and international communication problem areas. Interns will reside at the Institute and work with EWCI staff in Institute programs.

Project Coordinator: Dr. Wilbur Schramm, EWCI Director.

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POPULAR CULTURE: Research and professional development is concerned with (a) how the values and understandings of population culture are communicated and their effect on the nature of society and the quality of life; and (b) the effect of popular culture as communicated by the entertainment media across cultures and national boundaries.

RESEARCH

1. Effects of Television on Children in Different Cultures
January 1973 - July 1975

The effects of entertainment television on children is a problem of grave concern for developing and industrialized countries alike. This study is analyzing the results of research on the topic in different cultures, in an effort to determine what effects of TV are general--and, therefore, can be expected anywhere--and which ones are culture-bound.

Project Coordinator: Professor Hidetoshi Kato, EWCI Research Associate.

Co-Investigators: Dr. Kazuhiko Goto, NHK (Japan); and Dr. Jack Lyle, Corporation for Public Broadcasting (U.S.).

2. Abstracts of Communication Research in Asia July 1, 1973 - June 30, 1975

A very large proportion of research studies on mass media in Asia is on entertainment rather than developmental communication. Much of this important research is closed to scholars who do not read Japanese, Korean, or Chinese. This first step will abstract in English about 100 of the most important studies in Japanese. In 1974-75 work will begin on abstracting the most important Korean research; Chinese translations will follow.

Project Coordinator: Professor Hidetoshi Kato, EWCI Research Associate.

3. Popular Heroes Seminar January - July 1974

The seminar will carry out a multidimensional comparative study of contemporary popular culture heroes in 10 countries in Asia, the Pacific and the United States. Individual and group projects will be organized around the following themes: a typology of contemporary heroes including values, goals and relationship to community; analysis of school textbook biographies; historical trends in heroic personalities; personality variations between heroes of different ethnic groups in the same country and between heroes created by different institutions, media or sectors in a society; the socio-cultural and psychological functions of popular culture heroes, heroes in national development and heroes in cross-cultural communication. Research methods suited to the analysis of popular culture content will be reviewed.

Project Coordinator: Professor Hidetoshi Kato, EWCI Research Associate.

INTERNATIONAL COMMUNICATION: In this area the Institute is concerned with (a) how communication can be used to improve understanding and peaceful relations among nations, and to increase the sharing of mutually useful knowledge across cultural and political boundaries; and (b) the nature of communication between East and West and the effects of that communication on mutually held images and understanding.

PROFESSIONAL DEVELOPMENT

1. Conference on the Potential of Communication Satellites for Pacific Nations
(Tentative: May 1974)

The conference will evaluate reports on past uses of communication satellites (e.g. Alaska, PEACESAT, INTELSAT), consider plans for future uses (e.g. by UNESCO, Japan, India), and discuss problem areas in which satellite communication is advantageous or appropriate. These latter include communication of medical information, news, instructional programs, and computer data and programs. Participants will consider implications of satellite communication for national development and for quality and style of life.

Project Coordinator: Dr. Wilbur Schramm, EWCI Director.

2. Pacific Islands Press Association — March 1974

This project will help Pacific Islands editors and broadcasters in organizing a professionally based Press Institute to coordinate activities and expertise in such fields as training and exchange of experience and information.

Project Coordinator: Dr. Jim Richstad, EWCI Research Associate.

RESEARCH

1. Communication and Peace in the Pacific — July 1, 1972 - June 30, 1975 (continued annually)

Two Senior Fellows are invited each year to lead seminars and engage in research aimed at developing and updating sets of information useful in anticipating problems and opportunities concerning peaceful relations between East and West. East-West dialogue will be fostered through two seminar/workshops held each year. In July 1973 a feasibility research/dialogue workshop brought together scholars from Sophia University; the National Defense College, Japan; the Nomura Research Institute of Technology and Economics; Tokyo University; University of Minnesota; Harvard University; Yale University; University of Pennsylvania; Columbia University; and the University of Hawaii. In succeeding years participation will be expanded to other countries of Asia and the Pacific. Research conducted by Communication Institute staff, Fellows and graduate students will develop sets of information in the area of non-verbal interactions, images of other countries and communication networks. Dialogue workshops are designed to share national and cultural images, and to share beliefs of important communicators from East and West.

Cooperating Institutions: Quigley Center for International Studies, University of Minnesota; Institute of International Relations for Advanced Studies on Peace and Development in Asia, Sophia University, Tokyo.

Project Coordinators for 1973-74: Michio Nagai, Asahi Shimbun editorial writer and former EWCI Director; Dr. Jim Richstad, EWCI Research Associate; Davis B. Bobrow, University of Minnesota; Kinhide Mushakoji and Kimitada Miwa, Sophia University.

2. Directory and Bibliography of Pacific Islands Communication

June 1, 1973 - June 30, 1974
(continuous updating of entries)

The project aims to provide a useful listing of publications in the Pacific; and to provide a comprehensive, annotated bibliography on communication in the Pacific islands. The first directory was published in Fall 1973.

Project Coordinator: Dr. Jim Richstad, EWCI Research Associate.

GENERAL PROJECTS

1. Jefferson Fellowships — 1974

Eight to 12 mid-career journalists from Asia, the Pacific area and the United States are brought to the Center for approximately four months each year. While the primary objective is to provide for professional and cultural interchange and individual study at the graduate level, the participants from professional journalism, print and broadcast media are provided with the opportunity for research in international and developmental communication. In addition to auditing classes at the University of Hawaii, the program includes a series of seminars, lectures, professional visits in the community and on the United States mainland and Asia. One seminar is on contemporary issues in Asia and the Pacific. In addition to spending two weeks on the United States mainland, participants spend two weeks in Japan. While Asian/Pacific participants are engaged in professional visits on the United States mainland, American participants spend two weeks in Asia, with the entire group meeting again in Tokyo.

Project Coordinator: To be named.

2. Internships in Communication Documentation — September - October 1973
(Also planned for 1974 and 1975)

The internships provide participants with an overview of the nature of documentation of communication resource materials and the organization and development of communication resource materials collections. Interns also learn about locating and acquiring materials, sources for identifying communication materials, bibliographic control and systematic storage, retrieval and dissemination of information and materials, and the expansion of documentation or training personnel and exchanges. Observation visits to Asian documentation centers will follow work in Honolulu.

Participants are men and women employed in some capacity as information specialists, librarians, or documentalists with institutions concerned with communication research, training/education, or information dissemination. They will come from Asian countries and the United States.

Cooperating Institutions: East-West Population Institute, University of Hawaii, Hawaii state and community agencies, and Asian communication documentation centers and the participants' home agencies will participate in the support of the internships.

Project Coordinator: Sumiye Konoshima, EWCI Resource Materials Specialist.

STAFF

Dr. Wilbur Schramm succeeded Michio Nagai of Asahi Shimbun, Tokyo, as Director of the Institute in May 1973. Schramm was educated at Harvard and the University of Iowa where he received his Ph.D. in 1932 and became a professor and department head there. He later served as Research Professor and Dean at the University of Illinois, and for the 18 years before he joined the staff of the East-West Center was Janet M. Peck Professor of International Communication and Director of the Institute for Communication Research at Stanford University. He has done research on four continents and is the author of 20 books and more than 100 articles. Twice he has received the Kappa Tau Alpha award for the best communication research of the year. Among other prizes, within the last year, he was awarded the Missouri Gold Medal for distinguished service to journalism and the Deutschmann Prize for distinguished contribution to communication research.

Dr. Robert P. Worrall is Assistant Director with additional responsibilities for a special project in population communication funded under a grant from the U.S. Agency for International Development. Worrall joined the East-West Center after serving four years as Assistant Representative in India for the Ford Foundation with responsibility for information and communication for the Foundation in India and Nepal. His prior experience was with Ohio State and Michigan State Universities in agricultural information and communication training. His bachelor's degree is in agricultural education from Ohio State University, his master's in agricultural journalism from the University of Wisconsin and his doctorate in adult and higher education from Michigan State University.

Sanford Danziger, M.D., Research Associate, was a Fellow at the Institute in 1971. Formerly a Peace Corps staff physician in Central America, he served as a communications and family planning consultant to a number of international organizations before coming to Honolulu. Danziger studied medicine at Baylor Medical School in Texas and earned his M.D. degree there in 1965.

Prof. Hidetoshi Kato, Research Associate, joined the staff of the Institute in 1972 and divides his time between the East-West Center and the Communication Design Institute in Kyoto, Japan, of which he is Director. He was educated in sociology at Hitotsubashi University in Japan, with postgraduate work at Harvard University and the University of Chicago. A former East-West Communication Institute Senior Fellow (1970-71), Kato is in charge of the Institute's program in the study of popular culture which includes a study of the effect of television on children in different cultures.

Dr. D. Lawrence Kincaid, Research Associate, received his B.A. in psychology from the University of Kansas in 1967, and then spent the next two years working in urban community development and cooperative organization as a Peace Corps Volunteer in Colombia. His graduate work was done in the department of communication at Michigan State University in 1971, and his Ph.D. in 1973. His main specialization in the field of communication is in the area of modernization and development, and the diffusion of innovations. He is responsible for planning and conducting a series of case studies of exemplary and innovative uses of information, education, and communication in population programs, and for developing new material for professional development projects.

Dr. Jim Richstad, Research Associate, was assistant professor of journalism at the University of Hawaii before joining the Institute. He received a Ph.D. degree in mass communication from the University of Minnesota and has worked on newspapers in Decatur (Illinois), Seattle (Washington) and the Honolulu Advertiser. Richstad is engaged in developing directory, bibliographic and newsletter materials on communication and journalism in the Pacific Islands and related journalism training and satellite programs. He has worked with the Communication and Peace in the Pacific project and the Jefferson Fellows program. He also serves as executive director of the Honolulu Community Media Council.

Dr. Florangel Z. Rosario, Research Associate, joined the Communication Institute staff after one and a half years with the Population Institute. She holds a joint faculty appointment with the Program in Communication at the University of Hawaii, where she teaches intercultural communication, communication in innovation

and communication process. She has had more than 10 years of mass media experience as television and radio program director, producer, writer and researcher in the Philippines and has also taught mass communication in several colleges and universities in the Philippines. Her undergraduate work was in English literature, her graduate work in education (University of the Philippines) and mass communication (M.S. TV-radio communication 1961, and Ph.D. mass communication 1970, from Syracuse University). She is involved in case study projects in population communication and advises Institute graduate students on research projects.

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Each year the Institute invites a few distinguished scholars to join the staff for relatively short periods as Visiting Research Associates to work on Institute programs. Those invited for 1973-74 include the following:

Dr. Daniel Lerner, Ford Professor of Sociology and International Communication at Massachusetts Institute of Technology will be a Visiting Research Associate for four months beginning in January 1974. Lerner, who served as a Senior Fellow at the Center in 1970, is widely known for his many publications, most notable of which are: The Human Meaning of the Social Sciences (1959) and The Passing of Traditional Society (1958). He studied at John Hopkins University and then at New York University where he earned his A.B., M.A. and Ph.D. degrees. He served as Visiting Professor at Columbia University and at the University of Paris, and also taught at Stanford and New York University.

Dr. Lyle M. Nelson is Storke Professor and Chairman of the Department of Communication at Stanford University. He studied and taught at the University of Oregon, was one of the founders of National Educational Television in the United States, became Vice President of the University of Michigan, and divided his time at Stanford between teaching and serving as Director of University Relations until 1969 when he retired from central administration and became Department chairman. He is a specialist in the economics of non-commercial television and communication satellite systems, in both of which fields he has published extensively.

Dr. William L. Rivers is Edwards Professor of Communication at Stanford University. His doctorate is in political science, and his dissertation was a study of the Washington press corps published under the title of Opinion Makers. He is the author of six other books and numerous articles and has recently been active in the study of press councils and of media performance in covering the environmental problem. He taught at Texas, was a Washington editor for The Reporter, and at Stanford is in charge of the study of communication in public affairs.

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Ronny Adhiyarya, Staff Researcher, holds an M.A. degree in communication arts from Cornell University, where he was awarded the Center for International Studies Research Fellowship. An Indonesian citizen, he previously received awards for his reporting for Indonesia Raya. He is conducting country studies of support being provided for family planning/population information, education and communication.

Carol Arnold, Assistant Resource Materials Specialist, received her M.A. degree in library studies from the University of Hawaii and was the recipient of a State of Hawaii scholarship. Before her current appointment, she had worked in documentation programs in the graduate library at the University of Hawaii and at the East-West Communication Institute. Mrs. Arnold holds an undergraduate degree from the New England Conservatory of Music and a master's degree in music from George Peabody College. In 1963 she spent a year in Tokyo studying Japanese language and culture.

Elizabeth Buck conducts research on the Institute's inventory-analysis project, is a graduate of Duke University at Durham, North Carolina, and the University of Hawaii where she received her master's degree in library science in 1967. Mrs. Buck previously was a reference librarian with the Northwestern University libraries, and has also worked with the U.S. Office of Education in Washington, D.C.

Ted Gugelyk, Senior Program Officer, holds a B.A. degree (1963) in anthropology and M.A. (1967) in sociology from the University of Hawaii. He is a Graduate Degree Student Program Officer at the Institute. From 1970 to 1973 (January) he was Dean of Students at Maui Community College. He served as Sociologist, University of Hawaii School of Public Health (1969-70) and as Specialist in Student Personnel, International Student Office, University of Hawaii (1967-69). He has received various research awards from the University of Hawaii Faculty Research Council.

Vera Hong, the Institute's Senior Administrative Assistant, had served with the former Institute for Student Interchange at the East-West Center since December 1962. Mrs. Hong, a native of Hawaii, was graduated from the University of Hawaii with a B.A. degree in sociology.

Virginia Jamieson, Publications Officer, joined the Institute staff after doing research and editing on an Asian literature project funded by the National Endowment for the Humanities. For the past 15 years, she has specialized editing and managing the publication of social science research results, first as editor with Human Relations Area Files, then as Chief of the Editorial Office at the Center for Research in Social Systems, American University, and later as research associate, writer, and editor for Human Sciences Research, Inc. She holds a B.A. degree in English from Dunbarton College in Washington, D.C., with emphasis in the critical analysis of written works.

Sumiye Konoshima, the Institute's Resource Materials Specialist, formerly served with the East-West Center Library since March 1963 (transferred to the University of Hawaii in 1970). Miss Konoshima received her undergraduate training in psychology and English literature at Hope College. She holds a master's degree in social psychology from Columbia University and a master's degree in library studies from the University of Hawaii. Prior to joining the East-West Center staff, Miss Konoshima served for eight years as an administrative manager for the Wenner-Gren foundation in New York City, an organization which provides grants for anthropological research.

Dr. Maggie Lim, born in Singapore, joined the staff of the Institute as Associate Specialist in the Fall of 1971. She was formerly Head of the Maternal and Child Health Services in Singapore, which had an active and freely integrated family planning program. She had also had many years of involvement with the growth of family planning in Southeast Asia through her Information and Education activity with the Southeast Asian and Australian Regional Office of the International Planned Parenthood Federation. Dr. Lim holds a joint faculty appointment as associate professor in the International Health Program at the School of Public Health, University of Hawaii, where she teaches courses on population and family planning programs and overview of population and family planning. She is currently Vice-President, Hawaii Planned Parenthood, Inc.

John Middleton, former executive director of the Program and Training Council of ACTION/Peace Corps in Washington, D.C., is chairman of Institute Task Groups for Population Education and Modular Professional Development. Middleton has served as special assistant to the associate director for the Peace Corps, and as a Peace Corps educational program consultant in the Marshall Islands. He is completing his doctorate in educational planning from Harvard University.

Sandra Okubo came to the Institute in 1973 as annotator/abstractor. She is responsible for preparing annotations of the documents accessions list and for preparing abstracts for the computerized retrieval system. As a graduate student at the University of Hawaii School of Library Studies, she participated in a year-long federally funded Institute for Librarians in a Pluralistic Society, which emphasized service to the culturally disadvantaged. Her undergraduate work was in merchandising and she now holds a master's degree in library studies. She is conducting research in adult education materials looking for ways to incorporate marketing into the field.

Dr. David Radel, who has been with the Institute as a Staff Researcher since mid-1971, came to the Center from Nairobi, Kenya, where he served as regional advisor on population matters with the Ford Foundation. Radel's undergraduate studies at Harvard were in social relations; later, as a Fulbright scholar, he did graduate work in Berlin; in 1973 he received his doctorate in sociology

from the University of Minnesota. Radel coordinates the Institute's inventory-analysis project, which involves some 60 studies of country program needs for and sources of international assistance in population/family planning communication. He also works closely with various documentation and publication activities of the Institute and is conducting research on the processing and utilization of technical information in support of development. Radel's recent consulting assignments have included participation in a six-week World Bank mission.

Judith Rubano, Administrative Officer, served as fiscal officer of the University of Hawaii's Social Science Research Institute before joining the Institute staff. Currently an M.B.A. candidate, she received her B.A. degree in anthropology from the University of Hawaii. Her research in the areas of culture and mental health resulted in the book "Culture and Behavior in Hawaii: An Annotated Bibliography" published in 1970 by the Social Science Research Institute.

Merry Lee San Luis, Training Materials Development Specialist, joined the staff of the Institute in early 1971. Previously she served for nine years in Southeast Asia, principally in the Philippines, with temporary assignments in Vietnam, Taiwan and Hong Kong. She was Head of the Office of Information at the International Rice Research Institute and was Information/Education Advisor to the Agency for International Development in the Philippines. At the Institute she is concerned with professional development programs in the field of developmenta communication.

Dr. Henry Hichul Whang, born in Korea, is Population Project Coordinator. He was engaged in development of population education programs in Korea at the Central Education Research Institute and was a member of the Teacher Corps in the Milwaukee Public Schools. Whang has a Ph.D. degree in education administration from the University of Wisconsin at Madison.

Margaret White, Program Officer for Professional Development Activities, joined the Institute after working as a reporter for the Associated Press Honolulu bureau and as a conference officer for the Pacific and Asian Affairs Council in Hawaii. Mrs. White holds a degree in journalism and political science from Marquette University, and earned her master's degree in Asian studies at the University of Hawaii while on an East-West Center scholarship.

Barbara Yount, Associate Program Officer, assisted in organizing the First Participant Workshop, the First Specialist Workshop, and the UNESCO Training Workshop at the Institute. In addition, she has written, edited, and supervised the production of nine issues of the IEC Newsletter. In September 1972, her responsibilities were changed to those of Media Development Specialist; and in December she acted as rapporteur for the Conference on Commercial Resources and Their Application to Family Planning. As a UNESCO Consultant in June 1973, she assisted in two communication family planning workshops in Iran. Ms. Yount is a graduate of the University of Illinois in Political Science and under a Woodrow Wilson Fellowship, received an M.A. degree in international law and relations from Columbia University. Recipient of a Fulbright grant to France, she has served as a researcher at the Woodrow Wilson Institute for International Relations at Princeton University, acting as Managing Editor for American Scientist Magazine, and was a free-lance writer for Scott-Foresman & Co., Publishers.

FELLOWS

Dr. C. Ray Carpenter, Research Professor of Psychology and Anthropology, University of Georgia, is helping develop the program in instructional communication. He also is examining the role of communication technology in the development of the Pacific Islands, with special emphasis on Guam, and writing summaries of his well-known Pen State studies of instructional film. Carpenter studied at Duke University for his A.B. and M.A. degrees and earned his Ph.D. in psychology at Stanford University. In addition to more than 150 research articles and monographs, he has written five books, among which are Telecommunications: Toward National Policies for Education and College Teaching by Television.

Dr. Godwin Chu is Professor of Communication and Director of the Graduate Research Program at Southern Illinois University. He was born in Peking, educated on the mainland and Taiwan, earned a Ph.D. at Stanford University and served as Associate Professor of Anthropology and Sociology at the University of Victoria, British Columbia. He took his present position in 1970. He is author of Learning From Television and of a number of monographs and scholarly articles on the use of communication and development and especially its use within China.

F. Tillman Durdin, Chief of the Hong Kong Bureau of the New York Times, will join the Institute in April 1974 to work on two books summing up his 30 years of experience covering Asia, paying particular attention to U.S.-China relations. He also will assist with the 1974 Jefferson Fellows program for journalists and with the first Summer Session for Advanced Study. He was a Nieman Fellow, and has lectured on Asian affairs at Harvard, the University of Pittsburgh, American University, and many organizations. He holds several awards for excellence in reporting and interpretation.

E. Lloyd Sommerlad, Chief, Division of Communication Research and Planning, UNESCO/Paris, will work on models of comprehensive communication policies or systems for countries with different socio-economic backgrounds.

East-West Culture Learning Institute

The East-West Culture Learning Institute's program is based on the premise that a culture is a society's way of life which expresses certain meanings and values in humanistic achievements. Multinational, interdisciplinary projects aim to develop ways and means of assisting persons from different cultures to understand another person's culture as well as their own, and through mutual learning to give them a better conception of the basic problems to which different cultures give different answers. Listed below are professional development and research projects conducted by Institute Staff, Fellows and graduate students in the four main subdivisions of the Institute program: Cultural Identity, Cultures in Contact, Language in Culture, and Thought and Expression in Culture Learning.

CULTURAL IDENTITY: Factors of social change which inhibit or encourage the growth of cultural identity are being studied in relation to ethnic problems which affect societies in the United States, Asia and the Pacific.

PROFESSIONAL DEVELOPMENT

1. Pacific Basin Ethnomusicology (Cultural Centers) — July 1 - Dec. 31, 1973 (Also planned for 1974)

Participants are provided opportunities to share and exchange experiences and ideas in the area of ethnomusicology related to culture ethnomusic components of cultural centers for educational purposes proposed by Pacific Islands governments. Seminars, lectures, group and individual sessions are devoted to: improvement of skills and techniques needed to record and document music, songs and dances; preparation of materials for local use and study; principles and techniques of archives management; understanding the sociological and artists bases of a broad range of the world's music/dance cultures; study of Pacific Islands cultures.

The 10 participants in the project are required to have knowledge of, and able to perform, some traditional music and/or dance of their own culture, and to have had at least 10 years of schooling.

Cooperating Institutions: UNESCO, University of Hawaii Music Department, University of Auckland, University of South Pacific, Pacific Island government agencies and institutions which sponsor participants.

Project Coordinator: Professor Barbara Smith, CLI Fellow on leave from University of Hawaii Music Department.

2. Pacific Basin Archives Management — July 1 - Dec. 31, 1973 (Also planned for 1974)

Ten persons with experience as librarians share in an exchange of knowledge and obtain practical training in development of archives in connection with establiishment of cultural centers for educational purposes. Tutorial guidance provides a theoretical background and development of skills needed to solve individual problems.

Participants should be presently employed as librarians, with at least three years of library experience as well as knowledge of their history and cultures of their people. Field observation is planned in Fiji and New Zealand.

Cooperating Institutions: UNESCO, Bernice P. Bishop Museum, University of Hawaii, Hawaii State Archives, University of Auckland, Fiji Museum, Pacific Island Government agencies and institutions which sponsor participants.

Project Coordinator: Mrs. Ethel Bowen, Librarian & Archivist (Retired).

3. Pacific Basin Museum Management

July 1 - Dec. 31, 1973
(Also planned for 1974)

Multi-cultural exchange of knowledge in the museum field is provided along with theoretical and practical training in improving museum management skills for operation of educational cultural centers. Tutorial guidance, rather than classroom instruction, is aimed at: improving administration and techniques in exhibiting, safekeeping, handling and preserving museum materials in Pacific islands. Field experience will be obtained in Fiji, New Guinea and New Zealand.

Ten participants are selected from among persons currently employed in responsible positions in museums throughout the Pacific.

Cooperating Institutions: UNESCO, Bernice P. Bishop Museum, South Pacific Commission, University of Auckland, Pacific Island government agencies and institutions which sponsor participants.

Project Coordinator: Mr. Bruce Palmer, CLI Fellow on leave from his post as Curator, Fiji Museum.

4. Second Summer Program in East-West Intercultural Studies

July 1 - 21, 1973
(Also planned with a different theme for 1974)

The program for Asian/Pacific/American educators concentrates on sharing of intercultural viewpoints concerning the question of cultural identity, a basic human and social concern. Seminars, workshops, lectures and individual tutorials are designed to examine questions of identity formation and expression in a number of different Asian, Pacific and American cultures. Participants in the multi-cultural seminar seek a deeper awareness of their own identity and their own culture as a basis for cross-cultural understanding. They are engaged in curriculum design by exploring curriculum reform suggested in various cultures, and they share in the outlining of research projects aimed at getting more information of the nature and problems of cultural identity.

The 30 participants are educators with a particular interest in cross-cultural studies.

Cooperating Institutions: Universities and other institutions which sponsor participants.

Project Coordinator: Dr. John Walsh, CLI Research Associate.

RESEARCH

1. Culture Symbols as Sources and Expressions of Identity (Phase 1-Names)

July 1, 1973 - June 30, 1974

Objectives of the project are to examine in a cross-cultural context: 1) the process of giving names to people in different cultures; 2) the meaning of the names themselves; 3) the ways in which names create and express ego-identity and express ego-identity and group-identity. An Institute research intern will join with participants from Indonesia, Japan and the United States, as well as with staff, Fellows and graduate students, in the following research activities: 1) bibliographical surveys; 2) preparation of interview forms and questionnaires; 3) pre-testing of interview forms and questionnaires at the Center; 4) in-depth interviews; 5) distribution of questionnaires; 6) analysis of data; 7) writing of final report or monograph in the CLI series.

Cooperating Institutions: Educational institutions and agencies in Indonesia, Japan, United States (to be determined).

Project Coordinator: Dr. John Walsh, CLI Research Associate.

2. A Comparative Study of the Behavior Patterns of Okinawan Descendants (Japanese-Americans) in Hawaii and Okinawan Descendants (Okinawan-Japanese) in Japan

September 1, 1973 - April 30, 1974

Objectives of the project are to isolate similarities and differences between Okinawan, Japanese and American cultures. Research methodology includes questionnaire and attitude scales and in-depth interviews. In addition to individual research, seminars will involve Institute staff, Fellows, graduate students and professional development participants. A monograph is expected to be one result of the research.

Cooperating Institution: University of the Ryukyus.

Project Coordinator: Professor Masahide Ota, CLI Fellow and Professor of Sociology, University of the Ryukyus, Okinawa, Japan.

3. The Socio-cultural Values of Music and Dance in Pacific Countries Experiencing Rapid Social Change

July 1 - Dec. 31, 1973

Objectives of the project are to establish the roles of both art forms in society as a focus for identity and the native component in viable new art forms. In addition to individual and group research, Institute graduate students and others will be encouraged to become aware of the socio-cultural values of music and dance in fast-changing societies. Research will be conducted concurrently with work on professional development projects in the area of establishing cultural centers. One result is expected to be a monograph for the Institute's series.

Cooperating Institutions: UNESCO, University of Auckland, University of Hawaii.

Project Coordinator: Dr. Barbara Smith, CLI Fellow on leave from the Music Department of the University of Hawaii.

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CULTURES IN CONTACT: Research and professional development projects in this program subdivision deal with the learning problems encountered by students in educational systems foreign to their backgrounds; adjustment problems encountered by people as they change from one style of life to another, either within or across cultures; patterns of interaction among persons of different cultural backgrounds; training to help members of one culture learn how to interact effectively in another culture; positive and negative transfer of learning that members of one culture may experience when studying about, or interacting in, another culture.

PROFESSIONAL DEVELOPMENT

1. Cultural Aspects of Educational Leadership

Jan. 10 - June 10, 1974
(Also planned for 1975)

The project for 30 participants aims to provide the opportunity for educational leaders to exchange ethno-pedagogical views, expertise and ideas which will provide them with specific objectives for cross-cultural and intercultural educational designs. It was organized in response to requests from several countries for a refresher course in ethno-pedagogy for educational leaders who have little or no opportunity for such refresher training within their home countries or communities. Training procedures and content are varied to meet each participant's needs and interests as well as those of his country or institution.

Participants are selected from among those involved in leadership roles in education in Asia, the Pacific and the United States.

Cooperating Institutions: University of Hawaii College of Education, Hawaii State Education Department, institutions sponsoring participants.

Project Coordinator: To be determined.

RESEARCH

1. Attitude and Value Change Through the Intercultural Experience
July 1, 1973 - June 30, 1975

East-West Center participants will be studied during and after their experience in the multi-cultural programs of the Center. The study will systematize a variety of research techniques (interviews, behavioral measures, experiments) and present the information in a form available to research "subjects" as well as to a wider audience interested in the effects of cultural interchange. Among those involved in the project are Dr. Stephen Bochner, former Center student and Fellow, now Senior Lecturer, University of New South Wales. Some specific objectives: (1) to document changes that occur during and after a person's sojourn in another country; (2) to translate the information into improved training programs, thus providing an almost immediate benefit to the East-West Center and other institutions with similar goals; (3) to attempt to help the re-entry or "going home" problem; (4) to combine the information found in the project with similar research groups.

Cooperating Instititions: East-West Center Office of Participant Activities, University of New South Wales.

Project Coordinator: Dr. Richard Brislin, CLI Research Associate.

2. Cultural Disadvantage and Learning and Language Deficits
September 1973 - June 1974

Objective is to develop remedial programs for culturally disadvantaged children. Seminars will be conducted involving Institute staff, Fellows, graduate students and professional development participants. Two books are expected to result from the research.

Cooperating Institutions: University of New South Wales.

Project Coordinator: Dr. Barry Nurcombe, CLI Fellow and Senior Lecturer of Child Psychiatry, University of New South Wales, Australia.

3. Development and Assessment of Cross-Cultural Training Programs
July 1, 1973 - June 30, 1974

A constant problem when people move from culture to culture is how to prepare them so that effective adjustment is fast, with as little stress as possible. Day-to-day life is different in various cultures, and so it is necessary for people from one culture to learn about work, schooling, interpersonal interaction, social activities, etc., in other cultures of which they are about to become a part. Cross-cultural training refers to short-term programs designed to help members of one culture adjust to day-to-day activities in another culture. The objectives of the research are to synthesize the vast and diverse literature on cross-cultural training into one book, and to continue research on one training method, the use of video tapes.

Cooperating Institution: University of Minnesota.

Project Coordinators: Dr. Richard Brislin, CLI Research Associate; Dr. Paul Pedersen, University of Minnesota.

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LANGUAGE IN CULTURE: Research and professional development projects are concerned with the study of the social and personal factors that influence language behavior; contrastive studies of how English and Asian and Pacific languages differ in the way people learn and use language; ways that English is taught in Asia and the Pacific, including the improvement of teaching/learning methods and developing training programs and materials; analysis of Asian and Pacific languages, including development of materials for more effective teaching/learning.

PROFESSIONAL DEVELOPMENT

1. ESOL Teacher Trainers (English-to-Speakers-of-Other-Languages)
September 1, 1973 - March 31, 1974
(Also planned for 1974)

Fifteen teacher-trainers are provided the opportunity for multicultural exchange of ideas and practices in teaching English to speakers of other languages. In addition to improving knowledge of recent developments in the ESOL field, participants observe classroom situations in Hawaii and the United States mainland. Seminars, workshops and lectures emphasize active involvement of participants. Each participant prepares an ESOL teacher training handbook and engages in a special project (e.g., a contrastive analysis, a supplementary text, a placement test, journal article, etc.). Special attention is paid to language acquisition, linguistics and psycholinguistics, language pedagogy and technology, evaluation and testing, culture and language relationships.

Participants are experienced teacher-trainers employed on a pre-service, rather than an in-service, basis in Asia, the Pacific and the United States. All must be able to study at the graduate level in English.

Cooperating Institutions: University of Hawaii ESOL Department, Hawaii State Education Department, United States mainland universities, government agencies sponsoring participants.

Project Coordinator: Mr. Larry Smith, CLI Research Associate.

2. ESOL Administration (English-to-Speakers-of-Other-Languages)
August 1 - November 31, 1973
(Also planned for 1974)

The project for 15 ESOL program administrators stresses exchange of knowledge and experience, as well as knowledge of recent developments in the area of English language teaching and administration. Seminars, workshops and lectures are supplemented by field observation in classrooms in Hawaii and the United States mainland.

Participants are currently ESOL program administrators, supervisors or inspectors at the provincial, prefectural or major city district level in Asia, the Pacific and the United States.

Cooperating Institutions: University of Hawaii ESOL Department, Hawaii State Education Department, United States mainland universities, government agencies sponsoring participants.

Project Coordinator: Mr. Larry Smith, CLI Research Associate.

3. EFL Materials Development (English-as-a-Foreign-Language)
October 1, 1973 - June 30, 1974

This project provides an opportunity for exchange of experience by six Asian, Pacific and United States teachers, and aims to assist each participant in the development of a set of EFL materials uniquely appropriate to the participant's country and academic situation.

Participants are educators who are active professionals in some aspect of EFL and who possess demonstrated knowledge and experience in their field.

Cooperating Institutions: University of Hawaii ESL Department, Institutions which sponsor participants.

Project Coordinator: Dr. Mark Lester, CLI Research Associate.

4. Language Development and Bilingual Education

September 1, 1973 - May 30, 1974
(Also planned for late 1974)

The project promotes an exchange of ideas and experience among 15 educators at the mid-management level in the area of culture and language analysis affecting Asia, the Pacific and the United States. It is designed to assist educators and speakers of minor world languages in the development of their own dictionaries, basic grammars and primers. By familiarizing participants with intricacies of their own and other languages, it provides background for teaching courses in grammars of their local languages. Subjects covered in seminars, workshops, lectures and practical experience include introduction to the study of language; structure of the participant's own language; applied lexicography; general linguistics.

Participants are mid-management educators from regions in Asia, the Pacific and certain communities of the United States where bilingualism is the policy.

Cooperating Institutions: University of Hawaii Linguistics Department, institutions which sponsor participants.

Project Coordinator: Dr. Mark Lester, CLI Research Associate.

RESEARCH

1. A Meaning-Manifestation Study of English and the Languages of the SEAMEO (Southeast Asia Ministers of Education) Countries

July 1, 1973 - June 30, 1975

A RELC (Regional English Language Centre) researcher will supervise the work of linguists in each of the SEAMEO countries in preparing the meaning-manifestation study of the regional language. The objective is to develop a series of manuals for teachers of English, English language curriculum planners and English language materials developers which will describe the functional similarities and differences between English and Bahasa Indonesia, Khmer, Lao, Malay, Pilipino, Thai and Vietnamese. The Culture Learning Institute is taking the responsibility for developing the English portions of the manuals. Each researcher will take joint responsibility for preparation of the final versions of the manuals. The first step in the project will be a workshop in Singapore where the co-directors can meet with SEAMEO linguists.

Countries represented: Indonesia, Khmer Republic, Laos, Malaysia, Philippines, Singapore, Thailand, the United States. CLI staff and graduate students in linguistics and English-as-a-Second-Language will participate, some on field education at RELC.

Cooperating Institutions: SEAMEO Regional English Language Centre, Singapore.

Project Coordinators: Dr. Mark Lester, CLI Research Associate; Dr. Roy Cherrier and Dr. P.W. Nababan, RELC.

2. A Sociolinguistic Survey of the SEAMEO (Southeast Asia Ministers of Education) Countries

July 1, 1973 - June 30, 1978

The aim of the survey is to furnish sociolinguistic information for a further development of language teaching efforts in the SEAMEO countries. Subject to formal approval by the SEAMEO countries, the general topic areas of investigation are:

(a) Language situation (including national languages and all other languages),
(b) the necessity and demand for English as a second or foreign language and
(c) language and language-learning attitudes and motivations.

The Regional English Language Centre at Singapore and the Culture Learning Institute have appointed co-directors for the Survey. The Regional English Language Centre will liase with the Culture Learning Institute; coordinate data compilation; coordinate implementation; develop research instruments; process data and organize staff development. The Culture Learning Institute will liase with the Regional English Language Centre; assist in staff development; work with the Centre to develop research instruments and assist in the coordination of the Survey implementation.

Countries represented: Indonesia; Khmer Republic; Laos; Malaysia; Philippines; Singapore; Thailand and Vietnam. CLI staff, professional development participants and graduate students will participate, some on field education at RELC.

Cooperating Institutions: SEAMEO Regional English Language Centre, Singapore.

Project Coordinator: Dr. Mark Lester, CLI Research Associate; Dr. Roy Cherrier; and Dr. P. W. Nababan, RELC. Other CLI staff members involved: Dr. Verner Bickley, Director, Culture Learning Institute, (in initial planning stages), Dr. Karen Watson, Research Associate.

3. Cross-Cultural Study of Syntactic Development in Children 1973 - 1974

Objective is to discover whether children in other languages show the same natural development of sentence-combining operations as English-speaking children. In addition to individual research among Hawaii children, seminars and workshops will be conducted with CLI graduate students and professional development participants in linguistic fields. One result expected is a monograph in the CLI series.

Cooperating Institutions: To be determined.

Project Coordinator: Dr. Kellog Hung, CLI Fellow, and Professor of English, Florida State University, Tallahassee, Florida.

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THOUGHT AND EXPRESSION IN CULTURE LEARNING: Research and professional development projects deal with the social context of literature in Asia, the Pacific and the United States; the social and political functions of literature, including a study of how literature has affected or generated popular culture; and how literature has fostered cultural awareness and a sense of cultural identity.

RESEARCH

1. The Maxim as a Key to Culture Learning and Intercultural Understanding; The Maxim in the Acculturation Process

September 1, 1973 - August 31, 1975

Based on the hypothesis that a study of the major maxims of a culture will reveal the basic structure of the culture itself and will open as yet unexplored avenues to culture learning and international understanding, the pilot project will involve people from four different cultures--Japan, Indonesia, Thailand, and the United States. Objectives are: to determine in what ways and to what extent a knowledge of the folk wisdom of a culture, as contained in its central maxims, leads to a better understanding of that culture; to seek to discover how the culture creates or accepts the maxim and how the maxim, in turn, shapes the culture; to gain some understanding of the actual weight people of selected cultures give to their basic maxims in decision making and practical affairs. At least two Institute graduate students will work with the project coordinator in gathering data by questionnaires and interviews, and other staff and students will be used as consultants.

Cooperating Institutions: To be determined.

Project Coordinator: Dr. John Walsh, CLI Research Associate.

2. Seminar in Socio-Literature — August 5 - 11, 1973

Twenty writers and critics from Asia, the Pacific and the United States were invited to present papers and conduct informal discussions on the various ways in which socio-literature interprets and illuminates human nature, the human condition, and social problems in contributing to intercultural understanding. The seminar participants will recommend likely areas for fruitful research in socio-literature for future Institute programs.

Cooperating Institutes: PEN Club.

Project Coordinator: Dr. John Walsh, CLI Research Associate.

3. The Attitudes of Europeans to Polynesia During the 18th and 19th Centuries
September 1, 1973 - June 30, 1974

The project entails comparative work in regard to steady-state societies of growth. During the 18th century, Westerners tended to use the islands of Polynesia as models for use in a critique of Western civilization. During the 19th century, with the rise of modern nationalism and industrialism, the islands were seen less as models than as "cultural problems" for the West to solve. Among aspects to be examined are attitudes to nature, work, productivity, leisure, time, the gods. Seminars will be conducted involving Institute staff, Fellows, graduate students and professional development participants. One result is expected to be a book.

Cooperating Institution: University of Hawaii.

Project Coordinator: Dr. Gavan Daws, CLI Fellow and Professor of History at the University of Hawaii.

4. Culture Learning Through Drama — December 1, 1973 - May 31, 1974

There has been a remarkable continuity in Indian culture and this has been reflected in its socioeconomic, religious, political and other institutions. A common factor underlies the country's present cultural diversities. This unifying factor has evolved through a continuous process of synthesis between the cultures of various tribes and peoples (Janapadas). The Gupta period of Indian history, beginning with the 4th Century A.D., represents a significant stage in this process. Versions of numerous important treatises on different subjects may be traced back to editions compiles during this period. As with most of the ancient Indian poets, Kalidas' birthdate is controversial. However, majority opinion places him in the Gupta. This study is an attempt to establish how Kalidas' work reflected the cultural milieu of his own times and focusses on Kalidas viz a vis nature--his philosophy of life and (b) Kalidas viz a vis humanity--his response to human relationships, his concept of love, his response to existing realities. Kalidas' value system is being compared to modern Indian concepts.

Project Coordinator: Ms. Shanta Gandhi, Director Bal Bhavan Society, New Delhi.

STAFF

Dr. Verner Bickley serves as Director of the East-West Culture Learning Institute. He was most recently Language Officer of the British Council in Japan and First Secretary of the British Embassy Cultural Department in Tokyo. Dr. Bickley spent some 20 years in Asia, first with the Singapore Education Service and then with the British Council. He has taught linguistics, English and education in universities and colleges in Singapore, Burma, Indonesia and Japan and has been active in broadcasting and television with the B.B.C., Radio Singapore, Radio Republik Indonesia, the Burma Broadcasting Service and the NHK in Japan. He was awarded the M.B.E. in 1964.

Dr. Y. Baron Goto, Vice-Chancellor Emeritus, East-West Center, and Senior Professor of Agriculture at the University of Hawaii, is Consultant to the Institute. Before joining the East-West Center in 1962 he was Director of the Hawaii Cooperative Extension Service. Among many honors and distinctions he has received are a Paul S. Bachman Award, A Citizen of the Year Award and a World Brotherhood Award. He was awarded the Order of the Rising Sun, Third Class by the Emperor of Japan in 1972.

Dr. Richard Brislin, Research Associate, is a cross-cultural psychologist who has done work in Micronesia, has worked in Washington, D.C., and the state of Washington and is the United States Representative to the Executive Board of the International Association for Cross-Cultural Psychology. He is conducting research in the cultures in contact area.

Dr. Mark Lester, Research Associate, came to the Institute from the University of Hawaii Department of English as a Second Language of which he was Chairman from 1969 to 1972. He is Consultant at the Hawaii Curriculum Center for the Hawaii English Project and was Consultant in 1971 to the State of Hawaii Department of Education. He is conducting research in the language in culture area.

Larry Smith, Research Associate, taught for four years in Thailand with the Peace Corps and the Southern Baptist Convention and has traveled extensively in Asia. He has particular responsibility for the Institute's English as a Second Language programs.

Dr. John Walsh, Research Associate, spent the years 1953 to 1970 at the University of Notre Dame, occupying positions as Chairman of the Department of Education and then Vice-President for Academic Affairs. Specializing in education and philosophy, Dr. Walsh is conducting research in the Institute's cultural identity and thought and expression in culture learning areas of interest.

Dr. Karen Watson joined the Institute as a full-time Research Associate in August 1973, having previously held appointments in California State University, Hayward, and Merritt College, Oakland, as a cultural anthropologist. Aside from anthropology, she has special interests in sociolinguistics and ethnosemantics, oral literature and mythology. She is conducting research in the cultural identity and language in culture areas.

Gregory Trifonovitch, with 20 years' experience in the Pacific and in the Middle East, is Senior Program Officer with special responsibility for professional development programs. From 1963-67 he was a teacher, education consultant and administrator for Teaching English as a Second Language throughout the Micronesian Islands.

H. Van Buren is Senior Program Officer with responsibility for cooperative degree study programs. He taught at Gunma University in Japan as a Fulbright scholar from 1965-68 and served as a research fellow at the University of Hawaii before joining the Institute staff in 1971. His special interest is Japanese and Okinawan linguistics.

Lyn Anzai is Associate Program Officer for cooperative degree study programs. Her special interest is Asian Studies, with emphasis on East Asian sociology, history and art history.

Kenzi Mad is Associate Program Officer for professional development programs. Before joining the Institute in February, 1973, he was Instructor-Supervisor at the Community College of Micronesia, Ponape. He has qualifications in Elementary Education and in Elementary School Administration.

William Feltz, Resource Materials Specialist, is an ethnomusicologist with a special interest in Japanese and Korean music.

Hazel Tatsuno, Administrative Officer, has been with the East-West Center since its inception. Prior to joining the Institute in 1970, Mrs. Tatsuno was Senior Administrative Assistant in the former Institute of Advanced Projects.

FELLOWS

Dr. Fe R. Dacanay, Chief, English Section (Elementary), Bureau of Public Schools, Manila, Philippines, will serve as a resource person and participate in the Institute's English-as-a-Foreign-Language Materials Development and Language Development and Bilingual Education projects. She also will advise CLI staff on various aspects of a proposed cooperative project on bilingual education and bilingualism under negotiation with institutions in the Philippines.

Dr. Gavan Daws, Professor of History, University of Hawaii, is a Fellow in the "thought and expression" and "cultural identity" areas. He is conducting research into the attitudes of Europeans to Polynesia during the 18th and 19th centuries and he is also leading seminars for participants in the Institute's Pacific Cultural Centers Program.

Shanta Gandhi was a founder member and leading dancer of the Central Ballet Troupe of the Indian People's Theater. She is making a study of socioeconomic values as reflected in the work of Kalidas and their relevance to modern India. Ms. Gandhi is Director of the Bal Bhavan Society of New Delhi.

Dr. Kellog Hunt, Professor of English, Florida State University, is a Fellow in the "language in culture" area. He is carrying out a cross-cultural study of syntactic development in children and also leading seminars with graduate students and professional development participants in the areas of foreign language pedagogy and administration.

Dr. Barry Nurcombe, Senior Lecturer in Child Psychiatry, University of New South Wales, is a Fellow in the "cultures in contact" area. He is conducting research into cultural disadvantage and learning and language deficits and also into psychiatric aspects of adolescence and childhood in a transnational society.

Masahide Ota, Professor of Sociology, University of the Ryukyus, is a Fellow in the "cultural identity" area. He is making a comparative study of the behavior patterns of Okinawan descendants in Hawaii and Okinawan descendants in Japan.

Bruce Palmer, Director, Fiji Museum, Suva, Fiji, is a Fellow in the "cultural identity" area. He is directing the museum management project of the Pacific Cultural Centers Program.

Barbara Smith, Professor of Music, University of Hawaii, is a Fellow in the "cultural identity" area. She is conducting research into the socio-cultural values of music and dance in Pacific countries experiencing rapid social change and also directing the ethnomusicology project of the Pacific Cultural Centers Program.

Visiting consultant in residence in the Spring of 1974:

Peter Strevens is Professor of Applied Linguistics and Director of the Language Center, University of Essex, England. He is working with Institute staff members, practitioners and graduate students in a research development project which is focussing on the theme, "Conditions for Success in Language Learning," and is consulting with members of the Institute in connection with joint projects planned with other institutions.

East-West Food Institute

The East-West Food Institute's program focuses attention on the human, technical and economic concerns with food. These concerns are universal and each is a part of a total system of interrelationships. The "food system" is as much a concern of planners and policy-makers in the national capitals as it is of producers and traders in the towns and countryside, or consumers the world over. The Institute's program contributes to the development of understanding and better relations by generating and disseminating knowledge about food systems of vital concern to both East and West. Research and professional development projects of the Institute are listed below under five main program subdivisions: Agro-Economic Management, Systems of Crop Protection, Agricultural Planning and Administration, Community Nutrition, and Fisheries and Aquatic Resources Management.

AGRO-ECONOMIC MANAGEMENT: The application of management principles to the operation of food-related undertakings is emphasized. This deals with the increasing complexities and levels of intensity resulting from technological advances affecting private farms, government agricultural projects, processing enterprises, and domestic and international trade. Also included in research and professional development projects is a re-evaluation of agriculture in terms of "systems of farming." Shifts from mono-cropping to diversified farming and multiple-cropping, for example, offer opportunities for increasing rural employment, improving the level and distribution of real income, enhancing diets, and saving or earning foreign exchange.

PROFESSIONAL DEVELOPMENT

1. Chinese Rural Development — July 8 - August 16, 1974

In view of the attention being given by the international scholarly community to the study of rural development in China, and in view of the likelihood that significant research opportunities will increase, the Institute is seeking to help prepare young scholars by organizing a six-week workshop during July and August 1974. This workshop will offer a) intensive study of contemporary issues in Chinese rural development, and b) advanced-level instruction and practice in Chinese language, with emphasis on rural development. Approximately 20 young scholars will be invited from Asia and the United States. Among the criteria for selection will be evidence of professional commitment to the study of rural development, and significant achievement in Chinese language study.

The Institute has been developing a "Reader" made up of selections from contemporary Chinese writings in different topics pertinent to rural development. These have been translated, annotated, and supplemented by a glossary for use by workshop participants. This Reader will subsequently be published for wider use.

In November 1973 a planning meeting of some 10 specialists will be held to 1) help design the subject matter content of the workshop, 2) identify reference materials and resource persons, and 3) design the selection procedures for participants.

Project Coordinator: Dr. Nicolaas Luykx, Director.

2. Water Management for Irrigated Agriculture — Dec. 4, 1973 - Jan. 24, 1974 (Also planned for 1975)

The project for 20 irrigation project personnel will include an exchange of experience and ideas through group sessions, discussions, field study and other

activities designed to enhance the professional competence of participants. Their main concern is farm level water management problems in their home countries--Bangladesh, India, Indonesia, Malaysia, Pakistan, the Philippines, Sri Lanka, Thailand, Vietnam, and the United States. They will study at the East-West Center and the International Rice Research Institute in the Philippines. Participants must have graduated from an institution of higher learning and must identify professionally with functions performed by Irrigation Engineers.

In 1974-75 about 20 participants will evaluate the training phase of the project for irrigation and water management personnel. The workshop's recommendations will strengthen the project by insuring that it is directly addressed to the training needs in water management. Policy makers, administrators, researchers and professors will be included in the evaluation workshop.

Prospective cooperating institutions: International Research Institute and National Irrigation Administration, Philippines; Royal Irrigation Department, Thailand; Water Resources Development Directorate, Indonesia; Drainage and Irrigation Division, and Muda Agricultural Development Authority, Malaysia; and similar institutions in Bangladesh, Sri Lanka, India, Pakistan, Nepal, and Vietnam.

Project Coordinator: Dr. William J. Staub, Research Associate.

3. Workshop on Managing Integrated Agricultural Development Programs (May 1974)

The one-week workshop, involving some 15 participants, will focus on developing plans and a curriculum for a forthcoming training program on Managing Integrated Agricultural Development Programs. Participants will include educators and managers of programs relating to integrated agricultural development.

Project Coordinator: Dr. William J. Staub, Research Associate.

RESEARCH

1. Agricultural Diversification and Trade 1973-76

The jointly-funded project results from several planning meetings held in Thailand since November 1971. It aims to evaluate the domestic and international market potential for six agricultural commodities highlighted in Thailand's five-year plan (buffalo and cattle meat, maize, soybeans, shrimp, silk and coconut). Also to be evaluated is the potential for developing farm-level systems of cultivation involving these commodities. Three Fellows will be invited to work at the Center for a period of four months, beginning in November 1973. They will specify the detailed plans of the project. Field work will commence in Thailand in March 1974 and will continue through the writing stages for three years. Institute research students will be involved as the project proceeds. In subsequent years specialists from other countries will be involved.

Cooperating Institutions: Kasetsart University and Thammasat University, Thailand.

Project Coordinators: Dr. William J. Staub, Research Associate; and three Fellows to be selected in the field of economics.

2. Agricultural Transformation and Resource Adjustments 1973-75

Objectives are to examine the impact of rapid technological change and economic growth on the allocation of rural resources, and to devise alternative systems of farming. Scholars from the Republic of China, India, Indonesia, Malaysia, the Philippines and the United States are expected to participate. They will pursue research in the topical area and meet periodically to discuss conceptual matters and intermediate results.

Project Coordinator: Dr. William J. Staub, Research Associate.

3. Water Management Systems Planning 1973-75

Objectives are to examine the engineering, economic, and social feasibility of alternative water management systems. This question is being approached from two aspects. On one hand, there are major considerations when an irrigation department has a large capital budget to invest in improving irrigation water management facilities. The second aspect focuses on the engineering, economic, and social considerations to be incorporated in managing existing irrigation water management facilities.

Project Coordinators: Dr. William J. Staub, Research Associate; Dr. Jaw-Kai Wang, Fellow; Dr. Kwong-Yuan Chong, Fellow; and others to be selected.

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SYSTEMS OF CROP PROTECTION: Research and professional development projects are designed to help devise integrated management systems for protecting crops from losses due to insects, diseases, weeds and other pests with the least possible harm to the environment. Particular emphasis is given to the training of agricultural, scientific and extension personnel in this integrated approach.

PROFESSIONAL DEVELOPMENT

1. Seminar on Integrated Pest Management for Agricultural Administrators June 1974

The seminar entails an exchange of ideas and knowledge on pest management by 30 college deans, experiment station directors and management researchers. The seminar will describe plant pests, the damage they cause, the benefits and limitations of pesticides, and the integrated approach to pest management. The need for pest management research will be stressed at the workshop.

It is expected that this seminar will be followed in 1975 by an Institute-sponsored conference of researchers, research extension administrators, and industry representatives at the East-West Center to discuss pests and pest management. They will cover the urgent needs in the field, progress of efforts to develop integrated systems, and new directions for research and action.

Project Coordinator: Dr. Philip S. Motooka, Research Associate.

2. The Professional Consultant in Pest Management June 1974

In a continuing emphasis on meeting pest management problems, the Institute will sponsor a one-week workshop to examine the need for, and the role and training of, professional consultants in pest management. The increasing pressure for more food and greater efforts to protect the environment suggests a growing need for such consultants, publicly and privately employed, to advise farmers on pest control programs. Pest scientists, pollution ecologists, environmental lawyers, government officials and educators will interact on issues and possible solutions as they relate to their home areas: Indonesia, Japan, Korea, Malaysia, Philippines, Thailand, the South Pacific and the United States. One suggestion to which participants will react is that the preparatory training for a professional consultant in pest management requires a program analogous to preparing veterinarians; i.e., a program to prepare a "Doctor of Pest Management."

Project Coordinator: Dr. Philip S. Motooka, Research Associate.

RESEARCH

1. Pest Management in Farm Management Systems — 1973-75

The objective is to determine appropriate systems of pest management within the constraint of overall management of farm crops. The University of Hawaii's College of Tropical Agriculture has task forces engaged in research on the management of diverse tropical crops. The Food Institute will participate in this research, with special attention to the integrated control of insects, diseases and weeds with minimum hazard to the environment. Institute graduate research students will be involved as appropriate--including a range of agricultural and applied social science disciplines. It is expected that, in addition to research papers, a research methods manual will be produced. Field work will be conducted on most of the Hawaiian Islands.

Project Coordinator: Dr. Philip S. Motooka, Research Associate.

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AGRICULTURAL PLANNING AND ADMINISTRATION: Particular stress is given to the manner in which decisions for agricultural and rural development are carried out. These require a basis in the realities of the physical, biological, social, political and institutional environment of the societies they are intended to serve. The planning and implementation of public programs and projects, ranging from the farm level to the national level, requires increasingly complex skills of management and human relations. Special attention is given in professional development projects to middle-level administrators.

PROFESSIONAL DEVELOPMENT

1. Management Skills for Middle-Level Managers — Korea-November 1973 (Malaysia-tentatively April 1974)

These three-week pilot workshops are designed to provide opportunity for a multinational resource team to prepare and test teaching materials and methods for use by and for trainers of middle level managers. The materials and methods focus on providing learning opportunities about management concepts, tools and techniques for approximately 30 middle level managers of rural guidance programs in Korea and about 25 technical agriculturists in Malaysia. Practical exercises will provide an examination of the application of the management skills learned to Korea and Malaysian situations. Experience gained in the workshop will help guide the Institute and its collaborators in planning a syllabus and professional development programs for trainers of middle level managers in 1974-75.

Cooperating Institutions: Office of Rural Development, South Korea; Joint Commission on Rural Reconstruction, Republic of China; Department of Agriculture, West Malaysia; University of the Philippines, Los Banos, Philippines; Directorate of Agricultural Extension, Indonesia.

Project Coordinator: Dr. Donald G. Green, Research Associate.

2. Pacific Island Agricultural Information and Communication Workshop — Aug. 12 - Sept. 22, 1973

Fifteen participants will take part in six weeks of discussion, study and practical exercises in preparing agricultural information materials, use and maintenance of related equipment, application of various means and media for communicating. The goal is to exchange knowledge, to study problems of

agricultural information and communication processes, and to improve skills in organizing and carrying out effective communication support. Participants are expected to be mid-career agricultural workers from the British Solomon Islands, Cook Islands, Fiji, Gilbert and Ellice Islands, Guam, New Hebrides Islands, Niue, Papua-New Guinea, American Samoa, Western Samoa, Tonga, the Trust Territory of the Pacific Islands (Micronesia), and the United States.

Cooperating Institutions: East-West Communication Institute and the College of Tropical Agriculture, University of Hawaii.

Project Coordinators: Dr. R. Lyle Webster, Communication Institute Consultant, will serve as Project Coordinator in cooperation with Dr. Donald G. Green, Food Institute Research Associate, and Dr. Robert P. Worrall, Assistant Director of the Communication Institute.

3. Role and Functions of the Research Assistant in Research Systems of the Pacific
July 22 - Sept. 1, 1973

In six weeks of practical field and classroom instruction at the Waimanalo Agricultural Experiment Station, 15 participants will develop and improve the basic skills, understanding and attitudes needed in practical agricultural experimentation work. The participants will be early-career researchers. They will lay out plots, practice procedures and techniques for managing plots, analyze their experiment results, and learn about the use and maintenance of basic tools and equipment. In addition to Institute staff and UH College of Tropical Agriculture faculty, resource experts include Michel Lambert, the Tropical Agriculturist of the South Pacific Commission, and George Peterson, Food Institute Fellow from Davis, California. Participants are expected from American Samoa, British Solomons, Cook Islands, French Polynesia, Gilbert and Ellice Islands, Guam, New Caledonia, New Hebrides Islands, Niue, Papua-New Guinea, Tonga, Trust Territory of the Pacific Islands (Micronesia), Western Samoa, and the United States.

Cooperating Institutions: South Pacific Commission and the College of Tropical Agriculture, University of Hawaii.

Project Coordinator: Dr. Philip S. Motooka, Research Associate.

RESEARCH

1. Technology, Growth and Employment 1973-75

The objective is to analyze policy-making procedures at the national, regional and local levels regarding the formation of policies for technological change and growth in agriculture in densely populated countries. Principal investigator is Mrs. Kusum Nair, Food Institute Visiting Researcher. Project is of 30 months duration. A six-month period of intensive preparation (bibliographic survey, etc.) precedes one year of data collection, principally in India but including Malaysia, Philippines and Sri Lanka in later stages. The year 1974-75 is to be devoted to analysis, writing and conducting a major seminar-workshop in January 1975 for Ph.D. research students. A steering committee for the project includes Deputy Chancellor John A. Brownell; Food Institute Director Nicolaas Luykx; Dr. William Staub of the Food Institute; and Dr. Gary Hansen of the Technology and Development Institute. A book is expected to be one of the major results of the project.

Prospective cooperating institutions: Agricultural Development Council, and the East-West Technology and Development Institute.

Project Coordinator: Dr. William J. Staub, Research Associate.

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COMMUNITY NUTRITION: Among the most nutritionally vulnerable groups in any population is the pre-school child. On the one hand, research and professional development projects are designed to help interpret such nutritional problems within the total picture of demographic trends, family and economic status, and traditional practices. On the other hand, a second goal is to lay the groundwork for successful operational programs, including development of university-level curricula and other in-service training programs for specialists with community level responsibilities.

PROFESSIONAL DEVELOPMENT

1. Community Nutrition (Curriculum Training Phase) Sept. 29 - Oct. 17, 1973

Training professional nutritionists who can apply their skills in rural communities as well as in hospitals is the focus of this program. The two and one-half week workshop is the initial activity in a multi-year program in which representatives from nutrition educational programs in institutions of higher education from several countries will work together to develop curricula to meet needs.

Two representatives from the Institute will visit with those from nutrition education departments in the Republic of China, Indonesia, Malaysia, the Philippines, and Thailand. Based on these field workshops, representatives from several countries will participate in a workshop in 1974 where objectives and working plans will be agreed to by the entire group.

Cooperating Institutions: University of the Philippines and other universities in Asia.

Project Coordinator: Dr. Nicolaas Luykx, Director.

RESEARCH

1. Designing Programs for Nutritional Improvement 1973-75

The project to evaluate community-level needs for nutritional improvement and to design feasible approaches toward meeting those needs stems from an international conference on community nutrition held at the East-West Center in February 1973. Guidelines were established for specific research. These approaches may include direct attacks on malnutrition as well as building an institutional capacity to serve those needs in individual countries. One researcher each from Australia, the Philippines, and the United States will conduct research and meet periodically to evaluate progress and findings and the study may be extended to other countries after the first year.

Cooperating Institutions: School of Public Health and Department of Food and Nutritional Sciences, University of Hawaii.

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FISHERIES AND AQUATIC RESOURCES MANAGEMENT: Research and professional development projects are designed to help provide a general base of guidelines for policy making and institutional development in the marine resources field to enhance production, processing, distribution and consumption.

PROFESSIONAL DEVELOPMENT

1. Giant Prawn Culture — Aug. 19 - Sept. 14, 1973

Participants in a 1972 training course are to be included in this follow-up field program of training in giant fresh water prawn cultivation for nine participants. The 1972 participants, who organized field site developments in their home countries after returning from the East-West Center, will work with a small EWC resource team and in-country collaborating specialists to conduct follow-up consultation and training at the shrimp-pond training centers established in Indonesia, Malaysia and Thailand. Participants include directors and training officers of national departments of fisheries in Indonesia, Thailand, Western Samoa, Vietnam and the United States.

Cooperating Institutions: ECAFE; Fish and Game Division, Hawaii State Department of Land and Natural Resources; Hawaii Institute of Marine Biology; Oceanic Institute; Fish Farms Hawaii, Inc.

Project Coordinator: Dr. Donald G. Green, Research Associate.

RESEARCH

1. Policy Formulation for Fisheries Development — 1973-75

A pilot study completed in February 1973 identified the fisheries problems of the Pacific and made recommendations for follow-up activities. The Institute project aims to evaluate alternative policies and procedures for the improvement of marine and fresh water fisheries and aquaculture development among the islands of the Pacific and the countries bordering the Pacific Basin. Participating specialists from India, Thailand and the United States will study policy alternatives for the solution of the identified problems, including economic, legal and institutional considerations. The participating scholars will meet periodically to evaluate progress and findings.

Cooperating Institutions: Hawaii Institute of Marine Biology; others to be determined.

Project Coordinator: A Food Institute Research Associate will be appointed during the year.

FUTURE PROGRAM OUTLOOK

In successive years, continuing emphasis will be given to the Institute's subject matter subdivisions of Agro-Economic Management, Systems of Crop Protection, Agricultural Planning and Administration, Community Nutrition, and Fisheries and Aquatic Resources Management.

In Agro-Economic Management, a sequence of related research and professional development undertakings will revolve around concerns over irrigation water management, agricultural diversification and domestic and international trade, agri-business development and management (with emphasis on input industries), the development of broad-based opportunities for employment and income, and on the enhancement of agricultural data collection and processing.

In Systems of Crop Protection, emphasis will continue to be given to the integration of the special fields relevant to pest management. Emphasis will also be given to the projection of the significance of pest management into the making of agricultural and food policy.

In Agricultural Planning and Administration, research and professional development efforts will continue to emphasize the development of management skills among "middle-level" administrators, and the broadening of participation in determining food-related policy.

In Community Nutrition a sequence of projects will promote the teaching of nutrition-related skills among community-level workers of diverse specialties. Another, parallel, sequence will develop research and training in support of programs which deal with the nutrition problems of especially vulnerable groups in the population. In this field, special attention will be given to the means of increasing the attention given to nutritional concerns in the making of food-related policy.

In Fisheries and Aquatic Resources Management efforts will continue toward the building of a research and educational network in the Pacific region which will permit the cooperative participation in programs for the utilization and conservation of living aquatic resources.

STAFF

Dr. Nicolaas Luykx is Director of the East-West Food Institute. Dr. Luykx is an agricultural economist who served on the faculties at Cornell and Michigan State Universities before joining the East-West Center in 1970. He has done field research on agricultural and rural development institutions in the Philippines, Thailand and Vietnam. During the period 1966-68 he was Senior Advisor to the Academy for Rural Development in Comilla, East Pakistan (now Bangladesh). He serves on the Executive Committee of the Southeast Asia Development Advisory Group (SEADAG), and is a Trustee of the Agricultural Development Council (A/D/C). He holds a joint appointment as Professor in the Department of Agricultural and Resource Economics of the University of Hawaii.

Dr. Saleem Ahmed, Research Associate, is a soil scientist and has extensive experience with a leading agricultural chemical firm where his work included agronomic trials, extension training and marketing. Born in Pakistan, he is primarily responsible for the Institute's activities in the area of "Agro-Economic Management." He earned his Ph.D. degree at the University of Hawaii, where he was an East-West Center student.

Dr. Donald G. Green, Research Associate, had several years of experience in continuing adult education supportive of agricultural development in the United States and abroad before joining the East-West Center staff. He has a major responsibility for the Institute's professional development activities. Dr. Green has served with the Ford Foundation, Stanford University, the Agricultural Development Council and as a consultant to UNDP and FAO in agricultural development efforts in India, the Philippines and Jordan. He earned his Ph.D. degree at Cornell University.

Dr. Philip Susumu Motooka, Research Associate, is a weed scientist who is primarily responsible for Institute programs dealing with Systems of Crop Protection. Born in Hawaii, he has done agronomic research in Hawaii, Peru, and North Carolina, earning his Ph.D. degree in 1972 at North Carolina State University.

Dr. William J. Staub, Research Associate, was an agricultural economist in the Economic Research Service, U. S. Department of Agriculture before joining the East-West Center staff in 1972. He also holds a joint faculty appointment as associate professor, department of agriculture and resource economics, University of Hawaii. Dr. Staub is working on educational, training and research programs in the area of Water Management for Irrigated Agriculture.

Ramon True, Student Program Officer, is primarily responsible for cooperative degree study programs. His educational background is in mechanized agriculture (B.S. degree), and in education (M.A. degree), both from California State Polytechnic College. He also has a counseling credential. As a Peace Corps Volunteer he served as an agricultural rural development consultant in Ethiopia and Nigeria.

Jared Ikeda, Administrative Officer, was formerly with the University of Hawaii, Department of Electrical Engineering as Finance Officer for the ALOHA System, a federally-funded research project.

Fannie Lee Kai, Administrative Assistant, was Senior Administrative Assistant in the former Institute for Technical Interchange, East-West Center.

Rita Hong, Resource Materials Specialist, is in charge of a specialized documentary collection for the use of staff and participants. She attended the University of Hawaii and was with the East-West Center Library (now the Asia Collection on the University of Hawaii campus) for ten years prior to joining the Food Institute.

FELLOWS

Dr. Lito L. Calo, a ranch development and management consultant in the Philippines, is working at the Institute on the development of a project on diversified farming with an emphasis on agro-economic management. He is a graduate of the University of the Philippines and earned advanced degrees at Cornell University.

Dr. Kwong-Yuan Chong, a Malaysian economist, came from advanced study and research at Michigan State University to help develop a systems analysis approach for developmental planning for Southeast Asian countries and to collaborate on designing an economic framework for analyzing agricultural diversification issues in the region.

Dr. Cecilia A. Florencio, Associate Professor and Chairman of the Department of Food Sciences and Nutrition, University of the Philippines, Quezon City, Philippines, worked with the Institute and cooperating institutions in Asia to develop a university curriculum in community nutrition education.

Dr. Chennat Gopalakrishnan, Associate Professor in the University of Hawaii's Department of Agricultural and Resource Economics, is studying the legal, institutional and economic aspects of fisheries and marine resources management and their multiple ramifications.

Dr. Annie Margaret McArthur, Senior Lecturer in Anthropology, University of Sydney, is preparing material on the social aspects of nutrition from research and published data.

George D. Peterson, Jr., of Davis, California, is working on the development of innovative training programs and training materials dealing with integrated pest management systems. He will complete a book on pest management as the core of a series of training manuals on the subject, an accompanying workbook, a specialized manual on entomology, and a manual on weeds and plant pathology. Peterson also will participate in two Institute workshops and organize the report on the proceedings.

Dr. Sajogyo, Professor in Rural Sociology at Indonesia's Bogor Agricultural University (I. P. B.), is writing up data covering the scope of the Institute's agro-economic survey. He also is working on the program concerning agricultural diversification with emphasis on innovative research approaches to "village dynamics."

Pudjiwati Sajogyo, Lecturer in Rural Sociology, Bogor Agricultural University (.I. P. B.) is working on an evaluation of the Indonesian applied nutritional program funded by UNICEF. She also is conducting research in the fields of family studies and community nutrition.

Santiago S. Simpas, Assistant Professor in the College of Public Administration, University of the Philippines, is conducting research on rural management centers for development and public affairs as well as participating in the training of middle-level administrators of agricultural programs, other research is on the way in which agricultural policy for technology, growth and employment is made and integrated at different levels, from the local to the national.

Dr. Jaw-Kai Wang, Chairman of the Agricultural Engineering Department, University of Hawaii, is pursuing research on flexible designs for irrigation projects under different economic, agronomic and social conditions. He is collaborating on the design of an economic framework for analyzing agricultural diversification and irrigation planning issues in Southeast Asian countries.

Visiting Researcher in residence

Kusum Nair, Indian author of Blossoms in the Dust, The Lonely Furrow and Three Bowls of Rice, is carrying out research in the field of modernization policy for traditional agriculture, studying income distribution, technology, growth and income distribution. Before coming to the East-West Center she was a Visiting Researcher in the Asian Studies Center at Michigan State University.

East-West Population Institute

The East-West Population Institute conducts an interdisciplinary program for the development and dissemination of knowledge in the field of population, broadly defined. Its activities are conducted in cooperation with other Institutes of the Center and with other population-oriented programs of the University of Hawaii. They are also guided by the Center's concern for fostering intercultural contacts and better understanding between the peoples of East and West. The aim of the Institute is to contribute to the understanding and solution of population problems affecting the societies of Asia, the Pacific, and the United States. Specifically, its resources have been developed to seek answers and solutions in four mutually-related problem areas described below.

POPULATION PROCESSES AND STRUCTURE: A primary Institute interest centers on the core issues of demography--on the levels and trends of population growth, fertility, mortality, and migration, and on the composition and geographic distribution of population. Despite progress in recent decades, factual knowledge of these phenomena in the Asian-Pacific area remains inadequate. Institute efforts toward improvement in this field have two objectives. One is the more efficient utilization of existing bodies of data--from censuses, vital statistics, surveys, and field studies--through the design, dissemination, and application of improved methods of demographic estimation and analysis. The second goal is the generation of new information by improving existing statistical instruments and by developing new sources of demographic data. These activities are typically carried out through cooperation with statistical agencies and research organizations.

CAUSES OF DEMOGRAPHIC BEHAVIOR: In addition to the information supplied by descriptive demography, a full understanding of population processes and structure requires clarification of the underlying causal mechanisms. The levels and scope of possible explanatory frameworks may vary greatly. The emphasis of the Institute's work is on the better understanding of microdemographic processes in which individual choices play an important role, notably on decisions with respect to fertility, nuptiality, and migration. Attention is focused on the determinants of these decisions in particular on aspects of the economic, social, cultural, and physical environment as mediated through individual values, attitudes, and perceptions.

EFFECTS OF DEMOGRAPHIC BEHAVIOR: The ways individuals behave inevitably affect the well-being of other members of the society in which they live. As demographic behavior concerns fundamental facts of life--birth, death, marriage, where people live, and how numerous they are--its impact is likely to be most important, even if often overlooked or taken as given. Some effects are obvious and immediate, hence easily described; others often more significant, are elusive and operate through subtle mechanisms. Institute interests are directed, in particular, toward exploring the nature, magnitude, and specific incidence of the aggregate effects of individual demographic actions on the economic, social, cultural, and physical environment of human populations, ranging from the immediate community to the nation, and beyond.

POPULATION POLICY: Underlying the concern with population processes and with their causes and effects is the realization that social arrangements within which these processes operate may be far from optimal. If so, individual members of any given society may have a common interest in modifying such arrangements so as to improve their welfare. The objectives of the Institute efforts in the broad field of population policy are twofold. One is to analyze existing

policies by which societies attempt to modify demographic behavior, and in particular to examine their comparative effectiveness and the reasons for their success or failure. The second objective is to develop designs for the improvement of existing policies and for the introduction of new policy instruments offering more efficient ways of achieving societal goals.

The activities of the Institute are organized around four main program elements: research, graduate study, professional development, and institutional cooperation. Each of these program components spans the four problem areas outlined above.

PROFESSIONAL DEVELOPMENT

Professional development projects are generally closely tied to broader research and institutional cooperation projects of the Institute. Participants in these projects are persons who are substantially involved in the larger projects. A notable exception to this is the annual Summer Seminar in Population, a program which is announced widely throughout Asia and the Pacific soliciting direct individual applications. Below is a listing of Institute professional development projects in chronological order. Persons wishing additional information on these programs should write directly to: Program Officer, East-West Population Institute.

1. Fourth Summer Seminar in Population — July 9 - August 11, 1973 (Conducted annually)

The Summer Seminar is designed for approximately 60 persons teaching at universities in the academic disciplines of anthropology, economics, geography, political science, psychology, public health, and sociology. The two main objectives of this seminar are: (1) through academic course work to introduce participants to the study of human populations, with emphasis on the understanding of population problems and programs in Asia and the Pacific and on techniques of demographic analysis; and (2) through workshops in which seminar participants play an active role to examine the relevance of population studies to various academic disciplines, including the development of instructional materials designed to facilitate the introduction of population-related materials to existing university courses. The four-week academic program is complemented by a one-week field trip to Seoul, Republic of Korea, to provide some exposure to population-related studies in Asian universities and to a population action program.

In 1973 participants at the level of assistant professor or lecturer came from Republic of China, Hong Kong, India, Indonesia, Japan, Republic of Korea, Malaysia, Nepal, Pakistan, Philippines, Thailand, Vietnam and the United States. Applicants from these and other Asian/Pacific countries will be accepted for the 1974 Seminar.

Cooperating Institution: Korean Institute for Family Planning.

Project Coordinators: Dr. Lee-Jay Cho, EWPI Assistant Director for Professional Development, and Professor of Sociology, University of Hawaii; and Susan Palmore, EWPI Program Officer.

2. Population Dynamics Seminar — August 3, 1973 (Conducted annually)

This one-day seminar is conducted for approximately 35 Asian post-baccalaureate students enrolled in an AID-sponsored Pre-University Workshop arranged by the Office of Contract Training, University of Hawaii. The population dynamics seminar is included in the larger workshop in the belief that world population problems inevitably will affect the students in their academic studies and future work.

Cooperating Institutions: Office of Contract Training, University of Hawaii; and East-West Communication Institute.

Project Coordinator: Robert W. Gardner, EWPI Staff Researcher.

3. Pacific Island Statistics — July - August 1973 (Conducted annually)

The training course conducted at Suva, Fiji, is a special training program for 12-15 middle-level government officials concerned with statistical collection, analysis and interpretation of data from island governments in the South Pacific Commission area. The continuing project with Pacific governments is designed to help improve statistical systems, particularly census, vital statistics and immigration.

Cooperating Institution: South Pacific Commission.

Project Coordinators: Dr. Peter Pirie, EWPI Research Associate, and Professor of Geography and Director of Population Studies Program, University of Hawaii; and Dr. Ko Groenewegen, Demographer, South Pacific Commission.

4. Asia/Pacific Conference on the Teaching of Population and Family Planning in Schools of the Health Professions — October 21 - 25, 1973

Conducted at the East-West Center and Kapiolani Hospital, the conference gave project directors of some 20 schools of public health or medicine the opportunity to discuss their programs. The 30 participants concentrated on analyzing newer trends in design and operation of field training programs in family planning for students in medicine and public health. The conference is expected to lead to the production of teaching materials and possibly other collaborative undertakings in the future.

Participants were from the Republic of China, India, Indonesia, Iran, Republic of Korea, Philippines, Sri Lanka, Thailand, and United States.

Cooperating Institutions: School of Medicine and School of Public Health, University of Hawaii; East-West Communication Institute; and Rockefeller Foundation.

Project Coordinators: Dr. Ronald J. Pion, Professor of Public Health, University of Hawaii; and Dr. Lucien Gregg, Associate Director, Rockefeller Foundation, and EWPI Consultant.

5. Nursing Student Training, Family Planning Clinic of UH — Conducted annually

The training program at the University of Hawaii Student Health Center is offered annually to 30-40 School of Nursing associate degree students of multi-ethnic backgrounds who are studying to become registered nurses. Objectives are to provide family planning education to student trainees, to orient nursing students to the clinical delivery of family planning services, and to develop nursing expertise in the field of family planning.

Cooperating Institutions: University of Hawaii School of Nursing and Student Health Center.

Project Coordinator: Eleanor C. Nordyke, EWPI Staff Researcher, and Family Planning Coordinator, University of Hawaii Family Planning Clinic.

6. ILCORK Conference on Population and Societal Impact in Korea — February 1974

This conference is to be held in Seoul, Korea, and brings together approximately 25 invited scholars from Asia and the United States currently doing population research in Korea. Papers and discussion will form the basis for a major publication on "Population and Societal Impact on Korea."

Cooperating Institutions: International Liaison Committee for Research on Korea (ILCORK); Government of Korea; and University of Hawaii.

Project Coordinators: Dr. Lee-Jay Cho, EWPI Assistant Director for Professional Development, and Professor of Sociology, University of Hawaii; and other specified members of ILCORK.

7. Third Population Census Tabulation Workshop — February 25 - March 3, 1973 (Conducted annually)

This annual workshop brings together 25-30 high-level Asian and United States government census officials and university researchers engaged in the analysis of census data. The 1974 workshop will discuss "post-census considerations" covering the following topics: evaluation of the census; 1970-73 population projections; measurement of fertility and mortality; measurement of urbanization and socioeconomic status. Participants include 20 invited country census directors, deputy directors, and five high-level academic specialists in census analysis and evaluation.

Cooperating Institutions: Participating census bureaus in Asia and the United States.

Project Coordinators: Dr. Lee-Jay Cho, EWPI Assistant Director for Professional Development, and Professor of Sociology, University of Hawaii; and Susan Palmore, EWPI Program Officer.

8. Fertility Transitions in East Asia: Social and Cultural Dimensions — April 3 - 9, 1974

This workshop brings together 25 persons for critical discussions on the social and cultural factors which have apparently aided the development of fertility control in East Asia. Invited participants include those interested in fertility research from the broadest possible range of East Asian countries.

Cooperating Institutions: To be determined.

Coordinator: Dr. Y. Scott Matsumoto, EWPI Research Associate, and Professor of Public Health, University of Hawaii.

9. Comparative Fertility Studies — April 15 - 19, 1974

This conference will assemble a cross-national selection of approximately 25 individuals who have carried out fertility sample surveys. The objective of the conference will be to plan tabulations and analyses that can be carried out using previously collected survey data so that cross-national comparisons are facilitated.

The basic topics for the tabulations and analyses will be: (1) to what extent kinship structure is related to fertility, (2) to what extent marriage ages are related to fertility, (3) how child-spacing patterns differ cross-culturally, and (4) what indicators can be used cross-culturally for measuring family planning knowledge, attitudes and practice.

A discussion workshop is planned for April 1974. The second workshop, to be scheduled in 1975, will include the presentation and discussion of the papers.

Cooperating Institution: International Union for the Scientific Study of Population (IUSSP).

Project Coordinator: Dr. James Palmore, EWPI Assistant Director for Institutional Cooperation, and Associate Professor of Sociology, University of Hawaii.

10. Conference on Filipino Migration — June 12 - 15, 1974 (Also planned for June 1975)

The objective of this conference is to bring together individuals who are doing research on Filipino international migration, particularly to places such as Hawaii, Mainland U.S.A., Canada and Guam. Participation from the communities studied is also planned, to the extent that this is feasible.

The basic topics of the conference are (1) the migration process (e.g., reasons for migration, chain migration, etc.), (2) the impact of out-migration on communities in the Philippines, and (3) the processes of migrant adaptation in new environments.

The first conference, in June 1974 for approximately 25 persons, will focus on past and current research, with discussion of preliminary papers and workshop sessions on specific topics. The second conference, in June 1975, will comprise discussion of pre-circulated papers on completed research. A volume of papers on Filipino migration is expected to be completed by June 1976.

Cooperating Institutions: To be determined.

Project Coordinators: Dr. Alan Howard, EWPI Research Associate, and Professor of Anthropology, University of Hawaii; and Evelyn Hernandez, EWPI Research Assistant.

11. Research Internships — Conducted annually

Selected Asian and American participants spend two to twelve months at the Population Institute acquiring specific job-related skills by working under the supervision of a senior staff member on research projects developed jointly by the Institute and cooperating institutions, and by taking relevant University courses. Internships are normally part of a larger ongoing research project with cooperating census or statistical agencies, universities, or research organizations.

A small number of Joint Doctoral Research Internships are available for individuals doing field research relating to their doctoral dissertations. These programs are developed with the individual students through cooperation with their universities. Inquiries regarding this program should be addressed to: Program Officer, East-West Population Institute.

Cooperating Institutions: Participating institutions in Asia, the Pacific and the United States.

Project Coordinators: Dr. Lee-Jay Cho, EWPI Assistant Director for Professional Development, and Professor of Sociology, University of Hawaii; and Susan Palmore, EWPI Program Officer.

RESEARCH

Descriptions of a selective list of research projects currently being carried out at the Institute are given below. The projects are listed in the general order of the four major problem areas described above. Persons wishing additional information about Institute research may write to the Institute Director for a current Bulletin describing activities, or directly for information on specific projects to project investigators.

1. Recent Fertility Trends in Asia — September 1972 - continuing

Analysis of three components of change in the crude birth rates of seven Asian countries between 1960 and 1970: changes in age structure, changes in the proportion of married women in each age group, and changes in age-specific

marital fertility. For some countries the analysis relies heavily on census-derived measures of fertility using the own-children technique. Partial support for the project comes from the Population Council.

Cooperating Institutions: Census and statistical agencies of Indonesia, Korea, Malaysia, the Philippines, and Thailand.

Principal Investigators: Dr. Lee-Jay Cho, EWPI Assistant Director for Professional Development, and Professor of Sociology, University of Hawaii; and Dr. Robert D. Retherford, EWPI Research Associate, and Visiting Assistant Professor of Sociology, University of Hawaii.

2. Recent Population Growth of Indonesia — June 1972 - continuing

A collaborative project between the Institute and the Indonesian Central Bureau of Statistics, with assistance from the Ford Foundation, to study levels, trends and differentials in vital rates. Detailed fertility and mortality tabulations from the 1971 census returns are being prepared in Jakarta for a preliminary statistical report.

Cooperating Institution: Central Bureau of Statistics, Government of Indonesia.

Principal Investigator: Dr. Lee-Jay Cho, EWPI Assistant Director for Professional Development, and Professor of Sociology, University of Hawaii.

3. The Demographic Situation in Malaysia — September 1972 - continuing

Analysis of data from the 1970 Census of Malaysia in cooperation with the Malaysian Department of Statistics. The study focuses on assessing trends in population growth and migration, with concurrent interest in fertility, mortality, and migration differentials by community group, urban-rural residence, and related variables.

Cooperating Institution: Department of Statistics, Government of Malaysia.

Principal Investigators: Dr. James Palmore, EWPI Assistant Director for Institutional Cooperation, and Associate Professor of Sociology, University of Hawaii; Ramesh Chander, Chief Statistician, Department of Statistics, Government of Malaysia; and Dorothy Fernandez, Senior Statistician, Department of Statistics, Government of Malaysia.

4. Fertility Measures from Census Data in Three Asian Countries — May 1973 - continuing

This project, in cooperation with the statistical bureaus of Pakistan, the Philippines, and Thailand, will obtain age-specific fertility rates and related measures from the 1970 round of censuses through the use of the own-children technique. In some cases age-parity-specific fertility rates will also be obtained and utilized to analyze recent trends in fertility in these three countries.

Cooperating Institutions: Census Office, Government of Pakistan; Bureau of Census and Statistics, Government of the Philippines; National Statistical Office, Government of Thailand.

Principal Investigators: Dr. Lee-Jay Cho, EWPI Assistant Director for Professional Development, and Professor of Sociology, University of Hawaii; and Dr. Robert D. Retherford, EWPI Research Associate, and Visiting Assistant Professor of Sociology, University of Hawaii.

5. Demographic Research in Japan: 1955-1970 — January 1973 - continuing

A survey of demographic research activities in Japan, including fertility, mortality, the labor force, the aging population, migration, rural population, urbanization, historical demography, and population projections. Demographic research in Japan has been an indigenous development, and research analyses appear to be of high standards.

Cooperating Institutions: Japan Society for Promotion of Science; and Japan Institute of Population Problems.

Principal Investigator: Dr. Y. Scott Matsumoto, EWPI Research Associate, and Professor of Public Health, University of Hawaii.

6. Population-Resource Systems of the Guadalcanal Weather Coast — June 1972 - January 1974

Undertaken at the request of the administration of the British Solomon Islands Protectorate (BSIP), this project assesses the extent to which the population-resource systems of the Guadalcanal south coast are functional and susceptible to future change. Topics investigated during fall 1972--based on field research undertaken by a team of seven graduate students, five professional assistants, and about 60 weather coast residents--included population structure and relocation, fertility behavior, economic activity, health, child nutrition, education, and communications. During spring 1973, these field data were prepared for more sophisticated analysis and extensive topic summaries were drafted by student team members. A collaborative report is in preparation.

Cooperating Institutions: World Health Organization, Suva, Fiji; South Pacific Commission, Noumea, New Caledonia; Land Resources Team, U.K. Division of Overseas Surveys; and Victoria University of Wellington Geography Solomons Project.

Principal Investigators: Dr. Murray Chapman, EWPI Research Associate, and Associate Professor of Geography, University of Hawaii; and Dr. Peter Pirie, EWPI Research Associate, Professor of Geography and Director for Population Studies Program, University of Hawaii.

7. Demographic Analysis of Ethnographic Data — December 1972 - continuing

Development of techniques for the analysis of demographic processes using ethnographic data. Ethnographic fieldworkers often spend several years in intensive contact with a small population. A wealth of retrospective population data may be gathered using the genealogical method of ascertaining all ascendents of the living population and all descendents of these ascendents. This project is addressed to the problems of processing and analyzing such data, including problems of population definition and of random fluctuations due to small population numbers.

Principal Investigator: Dr. Griffith Feeney, EWPI Research Associate, and Assistant Professor of Population Studies, University of Hawaii.

8. Pacific Atoll Populations — June 1972 - July 1973

Monographic studies of historical and present-day comparative demography of selected Pacific atoll populations are being prepared by ethnographers with Pacific field experience from Britain, Canada, France, Japan, Netherlands, New Zealand, United States, who met at a Pacific Atoll Populations seminar at the Institute in December 1972. The edited monographs, with introductory and concluding chapters, will form a book on "Pacific Atoll Populations."

Principal Investigator: Dr. Vern Carroll, EWPI Senior Fellow (June 1972 - July 1973), and Associate Professor of Anthropology, University of Michigan, Ann Arbor.

9. Transition of Family Building in Korea — July 1973 - continuing

Utilizing the census data of 1960 and 1966 on "number of children ever born," changes in family building will be studied by residential area, type of family, and certain characteristics of women.

Cooperating Institutions: Bureau of Statistics, Economic Planning Board, Government of Korea; and others to be determined.

Principal Investigator: Dr. Chai Bin Park, EWPI Research Associate, and Professor of Public Health, University of Hawaii.

10. Marriage in the United States: 1900-1970 — January 1970 - continuing

A study of patterns and trends in marriage in the United States since 1900: retrospective estimation of marriage statistics from census data on age at marriage; analysis of differential mortality bias due to retrospective estimation; alternative models for the age pattern of marriage; analysis of problems of measurement occasioned by changing relative numbers of marriageable males and females.

Principal Investigator: Dr. Griffith Feeney, EWPI Research Associate, and Assistant Professor of Population Studies, University of Hawaii.

11. Tobacco Smoking and Age-Specific Sex Ratios in the United States — January 1973 - December 1973

Continuation of earlier work on the effects of tobacco smoking on sex mortality differentials and widowhood. The related problem of the effects of tobacco smoking on sex ratios is approached through the application of the stationary population model. The effects of smoking are found to be substantial, as was the case of sex mortality differentials and widowhood.

Principal Investigator: Dr. Robert D. Retherford, EWPI Research Associate, and Visiting Assistant Professor of Sociology, University of Hawaii.

12. Fertility Study of American Women — 1972 - continuing

This research is carried out along two separate lines. One is a birth interval study, using the 1968 birth registration data from the State of Hawaii, both by the characteristics of parents and by those of the child. A second part is a period fertility study covering the United States as a whole for 1935-1968 that seeks to estimate the probability that a women of a given age and parity will eventually bear a given number of additional children in her lifetime.

Principal Investigator: Dr. Chai Bin Park, EWPI Research Associate, and Professor of Public Health, University of Hawaii.

13. The Demographic Situation in Hawaii — January 1971 - December 1973

Investigation of the recent trends and current levels of fertility, mortality, migration, and population growth in the State of Hawaii during the past 70 years. The study includes six civilian population projections based on varying demographic assumptions. The influence of the presence of the military and of the many ethnic groups is considered.

Cooperating Institution: Department of Planning and Economic Development, State of Hawaii.

Principal Investigators: Robert W. Gardner and Eleanor C. Nordyke, EWPI Staff Researchers.

14. Ethnic Fertility Differentials in the State of Hawaii — January 1973 - continuing

A detailed analysis of crude and refined fertility rates to assess the demographic behavior of the multiracial population of Hawaii. Ethnic groups to be studied include Caucasian, Hawaiian, part-Hawaiian, Chinese, Filipino, Japanese, and "other" (e.g., Samoan, Korean, Micronesian).

Cooperating Institution: Department of Planning and Economic Development, State of Hawaii.

Principal Investigators: Eleanor C. Nordyke and Robert W. Gardner, EWPI Staff Researchers.

15. Forces Underlying Mortality Transition in Asia — May 1974 - continuing

The objective of this project is to improve the understanding of the determinants of mortality transition in Asia and to improve sources of data through institutional cooperation. Cooperation with Asian scholars is planned to pool existing knowledge, coordinate future research, and stimulate generation of new data. The project would have the following components: (1) collection of existing life tables; (2) calculation of an improved set of life tables; (3) model tables; (4) cause-of-death analysis; (5) analysis of mortality differentials and trends.

Cooperating Institutions: To be determined.

Principal Investigators: Dr. Robert D. Retherford, EWPI Research Associate, and Visiting Assistant Professor of Sociology, University of Hawaii; and Robert W. Gardner, EWPI Staff Researcher.

16. Fertility Decline and Social Change: Republic of Korea — 1972 - continuing

Continuation of the analysis of demographic, social, and economic influences on the recent fertility decline in the Republic of Korea, utilizing census and other statistical data. In particular the impact of the national family planning program is to be assessed through the application of small-area statistics. Estimates of fertility and mortality have been made from the 1970 census for the total country and for major geographical areas, and the compilation of certain basic socioeconomic data for minor administrative areas has been completed.

Principal Investigator: Dr. Lee-Jay Cho, EWPI Assistant Director for Professional Development, and Professor of Sociology, University of Hawaii.

17. Value of Children — July 1972 - continuing

The project is a cross-cultural, cooperative research effort that seeks to provide new kinds of information about the micro-level determinants of childbearing. The study focuses on assessment of the social, economic, and psychological satisfactions and costs of children, as perceived by parents. Comparable interview data from samples of rural and urban husbands and wives have been collected in the Republic of China, Japan, the Republic of Korea, the Philippines, Thailand, and the United States (Hawaii) under the supervision of national project directors. The data are analyzed to provide insights about the kinds of social programs and policies likely to be effective for regulating fertility levels in different cultures. A second phase is envisaged that will involve larger samples and additional countries. The Ford Foundation and the International Development Research Centre of Canada are supporting the project.

Cooperating Institutions: National Taiwan University, Republic of China; Tokai University, Japan; Family Planning Federation of Japan; Korean Institute for Research in the Behavioral Sciences (KIRBS); University of the Philippines; Ministry of Education, Thailand; and the Institute of Population Studies, Chulalongkorn University, Thailand.

Principal Investigator: Dr. James T. Fawcett, EWPI Assistant Director for Graduate Study, and Associate Professor of Psychology, University of Hawaii.

Principal Researchers: Dr. Tsong-Shien Wu, National Taiwan University, Republic of China; Dr. Toshio Iritani, Tokai University, Japan; Dr. Sung Jin Lee and Dr. Bom Mo Chung, KIRBS, Republic of Korea; Dr. Chalio Buripakdi, Ministry of Education, Thailand; Dr. Fred Arnold, EWPI Research Associate; and Dr. Betty Jamie Chung, EWPI Fellow (February 1973 - January 1974), formerly Research Specialist, Social Research Centre, Chinese University of Hong Kong.

18. Population Movement in Nonliterate Societies — September 1970 - continuing

Analysis of the factors underlying the migration and mobility behavior of nonliterate societies, based particularly on field data collected between 1965 and 1972 in the British Solomon Islands. Current emphases are (a) reinterpretation of tribal mobility as a circulation process; (b) methods of aggregating open-ended field data to distinguish between the objectives of a population movement and the reasons for its occurrence at a particular moment; (c) the use of logarithmic azimuthal projections for the graphic analysis of longitudinal mobility records. Most effort during the year focused upon (b), and the processing of the field registers was completed.

Principal Investigator: Dr. Murray Chapman, EWPI Research Associate, and Associate Professor of Geography, University of Hawaii.

19. Impact of Industrialization on Fertility in Hong Kong — October 1971 - February 1974

Interviews with 2,270 currently-married women ages 15-49 in Hong Kong were conducted to collect basic data on the practice of contraceptive methods, and on women's attitudes toward, and knowledge of, those methods. The project also examines people's motives or reasons for having children or not having children and how the decision to have children is related to husband-wife interaction, the family structure, and other socioeconomic variables.

Cooperating Institutions: Social Science Research Centre, Chinese University of Hong Kong; and Hong Kong Family Planning Association.

Project Coordinator: Dr. Betty Jamie Chung, EWPI Fellow (February 1973 - January 1974), formerly Research Specialist, Social Research Centre, Chinese University of Hong Kong.

20. Fertility in China, 1950-1970 — January 1973 - continuing

Examination of the causes of the fertility decline in the People's Republic of China during the past two decades. The project first evaluates the individual effect on the fertility rate of the social structure (changes in the family system, traditional values, social norms, women's roles); of the economic system (production units, consumption pattern and restrictions, personal income, cost of raising children); of governmental policies on population size, family planning, and marriage; and of the practice of family planning and contraception. An effort will be made to determine in what ways these factors reinforce or offset each other.

Principal Investigator: Dr. Dennis N. W. Cho, EWPI Research Associate, and Assistant Professor of Economics, University of Hawaii.

21. Population Socialization — June 1973 - June 1976

This project focuses on the question of how people acquire attitudes, beliefs, and values related to population. The study will also assess how population policies affect the acquisition of these attitudes and values. A conference of

approximately 40 invited high-level professionals in the population field will be held in late 1974 to assess the present state of knowledge. A research planning workshop will follow. Sociology, psychology, anthropology, geography, and economics are among the disciplines to be represented in the research project. Research internships will be awarded for six-month periods for training in demographic methods and analysis with special attention to problems involving project data.

Cooperating Institutions: To be determined.

Principal Investigator: Dr. James Palmore, EWPI Assistant Director for Institutional Cooperation, and Associate Professor of Sociology, University of Hawaii.

22. The Hawaiian-American Family: Structure and Process — July 1971 - June 1974

Analysis of data collected in a Hawaiian homestead community over a three-year period by an interdisciplinary team of social scientists. A description is being formulated of the basic structure of the contemporary Polynesian Hawaiian family and the processes underlying its operation. The main objective is to comprehend the attitudes, values, and life-style orientations that support a commitment to large family size.

Principal Investigators: Dr. Alan Howard, EWPI Research Associate, and Professor of Anthropology, University of Hawaii; and Kajorn Howard, EWPI Staff Researcher.

23. Patterns and Determinants of Mortality in Japan — February 1971 - March 1974

A study aimed at developing a framework of analysis for the determinants of mortality and applying it to data from Japan since 1950. Life tables for each prefecture and the larger cities of Japan have been prepared for each census year, and cause-of-death life tables will be generated for selected prefectures. A large collection of data on various economic, medical, and social indicators has been assembled and will be analyzed in relation to the mortality patterns.

Principal Investigator: Robert W. Gardner, EWPI Staff Researcher.

24. Demographic Approaches to Social Behavior — July 1971 - continuing

Analysis of demographic processes on the island of Botuma, Fiji. Detailed demographic and socioeconomic information for a period of over half a century has been assembled using record linkage. The data are being used in conjunction with mathematical decision models to study the causes of such demographic behavior as marriage, fertility, child-spacing, divorce and remarriage, residential mobility, and mortality.

Principal Investigator: Dr. Alan Howard, EWPI Research Associate, and Professor of Anthropology, University of Hawaii.

Co-Investigators: Dr. Griffith Feeney, EWPI Research Associate, and Assistant Professor of Population Studies, University of Hawaii; and Kajorn Howard, EWPI Staff Researcher.

25. Attitudes, Values, Social Perceptions, and Family Limitation in the Republic of Korea — June 1970 - continuing

Analysis of Korean sample survey data. The study focuses on the relationship between psychological measures and family limitation behavior among currently married women in the childbearing years. A major concern is to determine how the psychology-family limitation relationship varies in different social environments.

Cooperating Institution: Korean Institute for Research in the Behavioral Sciences (KIRBS).

Principal Investigators: Dr. James Palmore, EWPI Assistant Director for Professional Development, and Associate Professor of Sociology, University of Hawaii; Dr. Bom Mo Chung, Director, KIRBS; Dr. Sung Jin Lee, Deputy Director, KIRBS; and Dr. Sang Joo Lee, Research Associate, KIRBS.

26. Mobility and Fertility in Thailand — January 1975 - December 1979

The objective of the research is to comprehend the processes underlying a shift from commitment to the traditional rural life-style in Thailand, which is supportive of high fertility levels, to commitment to a modern-urban life-style, with its emphasis on limiting family size. The two key processes of residential and occupational mobility will be subjected to particular scrutiny, as will the socialization processes affecting individuals and families following movement into new social environments. The goal is to identify key branch points in individual and family cycles and to assess the likely impact of alternate decisions on opportunity structure, value components, and the probability of altering life-styles in one direction or the other (traditional/modern-urban). The ultimate intention is to develop a path model that will suggest ways of optimizing resource allocation for slowing population growth in Thailand by specifying decision points where maximum influence can be exerted on choices affecting family planning decisions.

Cooperating Institutions: National Institute of Development Administration (NIDA) and appropriate Regional Institutes in Thailand.

Principal Investigator: Dr. Alan Howard, EWPI Research Associate, and Professor of Anthropology, University of Hawaii.

Co-Investigators: Kajorn Howard, EWPI Staff Researcher; Snit Smuckarn, Anthropologist, NIDA, Thailand; and James Haffner, Department of Geography, University of Massachusetts.

27. The Role of Mental Maps in Migration Research — September 1971 - June 1974

This pilot study aims to embody the notion of place perception in migration research, to test for differences in place perceptions among the various nationalities represented by holders of East-West Center graduate scholarships, and to identify any changes over time. Scholarship holders interviewed in November 1971 were asked to rank the contiguous states of the United States according to their residential desirability.

Principal Investigators: Dr. Murray Chapman, EWPI Research Associate, and Associate Professor of Geography, University of Hawaii; and Dr. Gary Fuller, EWPI Research Associate, and Assistant Professor of Geography, University of Hawaii.

28. A Socioeconomic Model of Family-Size Decision-Making — January - December 1973

Construction of a generalized microeconomic model capable of demonstrating how economic variables and at least three non-economic variables (contraception, religion, and education) jointly exercise their influences on human fertility behavior. The model takes into account both individual preference and the chain of causal relationships between sexual activity, childbearing activity, and child-raising activity. Two sets of survey data are examined in the light of the theoretical model.

Principal Investigator: Dr. Dennis N. W. Chao, EWPI Research Associate, and Assistant Professor of Economics, University of Hawaii.

29. Factors Affecting Population Growth Rates in the Pacific Islands — September 1969 - continuing

Determinants of past and present growth rates are investigated for the islands of the South Pacific, with particular reference to the introduction

and distribution of diseases, changing custom (including attitudes toward fertility and family size), the control of mortality, migration both internal and external, and ecological relationships affecting growth.

Principal Investigator: Dr. Peter N. D. Pirie, EWPI Research Associate, Professor of Geography and Director for Population Studies Program, University of Hawaii.

30. Birth Control, Pregnancy, and Abortion in Hawaii — March 1970 - continuing

A study conducted by four principal investigators in cooperation with various other units of the University of Hawaii and most hospitals in the state, utilizing detailed data collected on induced-abortion patients and maternity patients since the recent legalization of abortion. Emphasis is on the assessment of the social and demographic effects of legalized abortion and on an analysis of the decision-making process concerning sexual intercourse, contraceptive use, the planning of pregnancies, and whether to have an abortion or carry a pregnancy to term. Significant support for the project comes from the National Institute of Child Health and Human Development.

Cooperating Institutions: All hospitals performing induced abortions in the State of Hawaii.

Principal Investigators: Dr. James Palmore, EWPI Assistant Director for Professional Development, and Associate Professor of Sociology, University of Hawaii; Dr. Milton Diamond, Professor of Anatomy, University of Hawaii; Dr. Roy Smith, Professor of Public Health, University of Hawaii; and Dr. Patricia Steinhoff, Associate Professor of Sociology, University of Hawaii.

31. Social Effects of Population Density: Tokyo — January 1973 - continuing

A study of the social and health effects of hyperdensity on the population residing in the Tokyo megalopolitan area. Topics to be investigated by the 23 wards of central Tokyo include demographic characteristics of the population, public health statistics, and social indices. This research is assisted by a travel grant from the Joint Committee on Japanese Studies of the Social Science Research Council.

Cooperating Institution: School of Health Sciences, Faculty of Medicine, University of Tokyo.

Principal Investigator: Dr. Y. Scott Matsumoto, EWPI Research Associate, and Professor of Public Health, University of Hawaii.

Co-Investigator: Dr. Tai-Ichiro Takemoto, Department of Human Ecology, School of Health Sciences, Faculty of Medicine, University of Tokyo.

32. The Population-Agricultural Resource System in Western Samoa — September 1969 - continuing

The analysis of changes in the population of Western Samoa, including distribution, densities, growth rates, age and sex structure, fertility, mortality, employment, migration, land use, productivity, and resource utilization. The study is based upon the series of official censuses taken in 1956, 1961, 1966, and 1971, which are available in a form that allows detailed analysis beyond that available in the official census reports. During 1972-1973, the 1971 Census of Western Samoa was processed at the Institute and the resultant tape made available for research. The Institute also arranged for the acquisition of the 1961 census data and for their transcription onto IBM type cards.

Cooperating Institution: Department of Statistics, Government of Western Samoa.

Principal Investigator: Peter Pirie, EWPI Research Associate, Professor of Geography and Director for Population Studies Program, University of Hawaii.

33. Theory of Population Policy — June 1972 - December 1973

A series of related theoretical studies of population policy in an economic framework. A major emphasis of the current phase of the project is the analysis of age-distribution problems in formal policy models, using new results on optimal control with time lag. An important aspect of the research is the integration of economic growth theory and demographic renewal theory, enabling, for example, the characterization of the optimal trajectory of the amplitude of the net maternity function under specified criteria.

Principal Investigators: Dr. Geoffrey McNicoll, EWPI Research Associate, and Assistant Professor of Population Studies, University of Hawaii; and Dr. W. Brian Arthur, Department of Operations Research, University of California, Berkeley.

34. Fertility Depressing Incentive Programs and Social Legislation — March 1973 - June 1975

The objective is to investigate, including use of cost-benefit analysis, incentive programs utilizing taxation and welfare schemes aimed at halting or slowing down population growth. Legal measures to restrict fertility are of recent origin. The project will establish a taxonomy of positive and negative incentives and examine the desirability of various modifications in existing legislation.

Cooperating Institutions: To be determined.

Principal Investigator: Dr. Johannes Overbeek, EWPI Research Associate, and Assistant Professor of Economics, University of Hawaii.

35. Critique of Economic-Demographic Growth Models — September 1972 - June 1973

Critical survey of the modelling of demographic variables in growth theory and of the economic arguments for fertility control derived from this theory.

Principal Investigator: Dr. Geoffrey McNicoll, EWPI Research Associate, and Assistant Professor of Population Studies, University of Hawaii.

36. Development of Population Materials for Existing University Courses — July 1973 - 1975

Related to the Fourth Summer Seminar in Population, this project aims at refining population-related materials (syllabuses, course outlines, lecture notes, reading lists, etc.) developed in the Seminar for use in existing courses in Asian universities.

Cooperating Institutions: To be determined.

Principal Investigator: Dr. Lee-Jay Cho, EWPI Assistant Director for Professional Development, and Professor of Sociology, University of Hawaii.

STAFF

Acting Director of the East-West Population Institute is Keith E. Adamson, the Institute's Executive Officer for Administration. He came to the East-West Center in May 1971, following service with the United States Information Agency and the U.S. Department of State. He began his career in civil and foreign service with the U.S. government in 1939, serving in all aspects of planning and management of communications and cultural programs for the State Department. From 1967 to 1971 he served as Foreign Service Officer in Vietnam, Laos, and Thailand, planning and directing U.S. information and cultural programs and assistance to national ministries of information. He also saw overseas service in Egypt, Turkey, and Columbia, and has traveled throughout Europe, the Middle East, Asia, and Central and South America.

Dr. Lee-Jay Cho is Assistant Director for Professional Development. Cho, a Korean, received his undergraduate education in political science at Kookmin College in Seoul. He earned his master's degree in public administration at George Washington University in Washington, D.C., and a master's degree in sociology at the University of Chicago. In 1965, he was awarded his doctoral degree in sociology, also at the University of Chicago. In addition to his assistant directorship with the Population Institute, Cho holds a joint faculty appointment as professor of sociology at the University of Hawaii.

Dr. James T. Fawcett is Assistant Director for Graduate Study and associate professor of psychology at the University of Hawaii. Born and raised in Pittsburgh, Pennsylvania, he received his master's degree at Yale University and pursued postgraduate studies at the University of California at Berkeley, where he earned his Ph.D. in social psychology in 1965. Dr. Fawcett was affiliated with the Population Council in New York for six years; four of those years were spent in Bangkok as the Council's representative in Thailand. He has also worked for the Peace Corps in Washington, and he spent a year at the University of Michigan as a visiting scholar.

Dr. James A. Palmore, Assistant Director for Institutional Cooperation, also has a joint appointment with the University of Hawaii as associate professor of sociology. Palmore received his A.B. at Antioch College and his M.A. and Ph.D. (1966) degrees in sociology at the University of Chicago. For some five years before coming to the Center in 1970, he was a research associate with the Population Studies Center and the Center for South and Southeast Asian Studies, as well as assistant professor of sociology at the University of Michigan.

Lucien A. Gregg, M.D., joined the East-West Population Institute as Consultant in July 1969. He is Associate Director, Biomedical Sciences, Rockefeller Foundation. Based at the East-West Center, he has devoted considerable time and expertise to assisting the Population Institute in the development of its programs. Gregg received B.S. and M.S. degrees at the University of Pittsburgh and completed four years of postgraduate work at the University of Chicago. He served on the faculty of the University of Pittsburgh for ten years as chairman of the Department of Medicine and later as Vice Chancellor for Medical Affairs. Gregg has been associated with the Rockefeller Foundation for the past 15 years. He spent four years in India as an advisor on medical education to the government of India, assisting in the development of the All-India Institute of Medical Sciences. He also served for five years as the Rockefeller Foundation local representative in the Philippines.

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Dr. Fred S. Arnold, Research Associate, a native of Boston, Massachusetts, is a graduate of Harvard University, the University of Chicago, and the University of Michigan. He received his Ph.D. in economics from the University of Michigan in 1972. During 1968-71 he was a research assistant at the University of Michigan, working in the area of economic and demographic research, and the summer of 1968, he worked as a systems analyst with the Management Sciences Research Group at Uniroyal, Inc.

Dr. Murray Chapman, Research Associate, has been with the Institute since September 1969. Chapman is a New Zealander, educated at the University of Auckland and Victoria University of Wellington in that country, and the University of Washington and Cornell University in the United States. He holds a Ph.D. degree in geography from the University of Washington. In addition to his position with the Population Institute, Chapman is an associate professor of geography at the University of Hawaii. He has previously taught at the University of Auckland and Victoria University in New Zealand, the University of Washington, and Cornell University.

Dr. Dennis Chao, Research Associate, holds a joint appointment with the economics department of the University of Hawaii. He holds a bachelor's degree from National Taiwan University and a Ph.D. from the University of California, Santa Barbara, where he served as lecturer during the spring term in 1972.

Dr. Griffith Feeney, Research Associate, received his undergraduate education at Antioch College in Ohio and earned his master's and doctoral degrees at the University of California at Berkeley. During 1966-67 he served with the Volunteers in Service to America (VISTA), then for a period as a trainee with the University of Michigan Population Studies Center. In 1969-70 he was a research assistant in the department of demography at the University of California. He worked with the East-West Population Institute on a short-term research assignment in the summer of 1971 and was appointed to his present position in September 1972.

Dr. Gary Fuller, Research Associate, also is an assistant professor of geography at the University of Hawaii. Fuller attended the U.S. Coast Guard Academy in 1959-60 and received his B.A. degree from the State University of New York in 1964. He began graduate studies at Pennsylvania State University in 1965, and in 1972 was awarded his Ph.D. in geography at that institution.

Dr. Alan Howard, Research Associate, is a graduate of Stanford University with a Ph.D. in anthropology. He also holds a joint appointment as professor of anthropology at the University of Hawaii. From 1963 to 1971 he served as anthropologist for the Bishop Museum in Honolulu.

Dr. Y. Scott Matsumoto, Research Associate, is a graduate of American University with a doctoral degree in sociology. He served during 1949-53 as a department chief with the Atomic Bomb Casualty Commission at Hiroshima, Japan. He holds a joint faculty appointment in the School of Public Health at the University of Hawaii, where he is a professor of public health. During the summer of 1971 he was visiting professor of public health at the University of Tokyo under a grant awarded by the Japan Society for the Promotion of Science.

Dr. Geoffrey McNicoll, Research Associate, is a citizen of Australia. He is a graduate of the University of Melbourne and has a Ph.D. in demography from the University of California at Berkeley. From 1965 to 1967 he worked with the Central Bureau of Statistics in Jakarta, Indonesia. In 1968 he was a staff researcher on the Philippine Project of the Center for Development Planning, National Planning Association, Washington, D.C.

Dr. Johannes Overbeek, Research Associate, also is assistant professor of economics at the University of Hawaii. He is a graduate of the Graduate Institute of International Studies of the University of Geneva in Switzerland, and has also studied at the Junior College of Business Administration in the Netherlands and the National Institute of Demographic Studies in Paris. Before coming to Hawaii, he served for two years as assistant professor of economics at the University of British Columbia.

Chai Bin Park, M.D., Research Associate, is a citizen of the Republic of Korea. In addition to his research work with the Institute, he holds a joint appointment as professor of public health with the University of Hawaii School of Public Health. Park received his M.D. degree from Seoul National University and his master's and doctoral degrees in public health at the University of California, Berkeley. From 1960 to 1962 he was senior statistician with the Bureau of Statistics in the Republic of Korea, and from 1962 to 1966 he served as statistical consultant for the World Health Organization in Rio de Janeiro, Brazil, and Kingston, Jamaica.

Dr. Peter N. D. Pirie, Research Associate, a New Zealander, also is a professor of geography at the University of Hawaii and director of the University's Population Studies Program. He received both his bachelor's and master's degrees at the University of Auckland, and his Ph.D. in geography at the Australian National University. In 1969-70 he was a Senior Colleague in the East-West Center's Institute of Advanced Projects. He has conducted considerable demographic research in the Pacific islands, particularly in Western Samoa.

Dr. Robert D. Retherford, Research Associate, is a graduate of the University of California at Berkeley with a Ph.D. in sociology. On leave from the Institute in 1970-71, he studied as a postdoctoral Fellow at the Institute National D'Etudes Demographiques in Paris. During a second leave in 1971-72 he served as a consultant to the Economic Commission for Asia and the Far East, headquartered in Bangkok, Thailand.

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Robert W. Gardner, Staff Researcher, earned his B.A. degree at Stanford and has an M.A. in demography from the University of California at Berkeley, where he is currently a Ph.D. candidate.

Mrs. Kajorn Howard, Staff Researcher, was born in Thailand where she received her bachelor's degree at Chulalongkorn University, Bangkok. She studied at the Institute of Food Technology, London, England, for 18 months and came to the University of Hawaii in 1962 as an East-West Center student. She received her master's degree in nutritional science in 1966. From 1965 to 1969 she served as a research assistant in anthropology at the Bishop Museum.

Mrs. Eleanor Nordyke, Staff Researcher, has been with the East-West Center since February 1969, working as a clinic coordinator in family planning and doing research on Hawaii's demography. She is a graduate of Stanford University in nursing, with an M.P.H. in population studies and family planning from the University of Hawaii. She has been a public health nurse in California and Hawaii.

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Sonia Albores, Research Assistant, is a Filipino citizen and a graduate of the University of San Carlos at Cebu City. She earned her master's degree in psychology at the University of Hawaii while studying under an East-West Center scholarship during 1969-71. From 1967 to 1969 she was an instructor in introductory psychology courses at the University of San Carlos.

Davor Jedlicka, Research Assistant, is a Ph.D. candidate in the sociology department at the University of Hawaii. Born in Yugoslavia, he taught sociology at the University of Hawaii from 1969 to 1971. For some four years before that he served as a researcher with the Stanford Medical Center in California.

Richard Naito, Research Assistant, is a 1973 graduate of the University of Hawaii. He joined the Institute staff in October to assist the Guadalcanal Weather Coast project team. He has produced cartography for the Atlas of Hawaii, Kaneohe Bay Atlas, and the Demographic Situation in the Pacific Islands (for EWPI).

Peter S. Norris, Research Assistant, is a native of Honolulu. He received a B.A. in biology-chemistry in 1965 and an M.A. in psychology in 1966, both from Whittier College. For two years he worked as an Employment Counselor in Watts, California, and from 1968 to 1970 he was a Personnel Research Analyst at Lockheed Aircraft Corporation in Burbank, California. In 1970 he began work on a Ph.D. in population psychology at the University of Hawaii and expects to receive his doctorate in June 1974.

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Susan Palmore, Program Officer for Graduate Study and Professional Development has been a member of the East-West Center staff since November 1970, having first served as staff researcher. A graduate of the University of Hawaii with an M.A. degree in political science, Mrs. Palmore has two years of teaching experience within the Honolulu school system. She taught at Punahou School in 1962-63 and during the 1967-68 school year taught U.S. citizenship at Kaimuki Community School. In 1970 she did research and writing for the Board of Water Supply in Honolulu.

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Alice Harris, Resource Materials Specialist, joined the East-West Center staff in September 1969, bringing with her a wide range of experience in library work. Educated at Russell Sage College and Drexel Institute of Technology, she also has studied at the University of Pennsylvania, Rutgers University and the University of Hawaii. Before joining the Institute staff, Mrs. Harris served four years as western language cataloger with the East-West Center Library. From 1963 to 1965 she was branch librarian at Rutgers University, and she has also been associated with various public libraries throughout the State of New Jersey.

Bertha Lum, who joined the Institute staff in the Resource Materials Collection in December 1961, has a B.Ed. degree from the University of Hawaii. She served as Library Technician at Hamilton Library in 1968-69 and at the East-West Center Library in 1969-70.

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Sandra Ward, Publications Officer, served for two years as editor in the Information Office of the Population Council in New York City before joining the East-West Center staff. Previously she spent some eight years working in the program department of the Cooperative American Relief Everywhere, Inc. (CARE) in New York, including 14 months as director of the Information Services Division of that organization. Ms. Ward earned her B.A. degree in English at Oberlin College in Ohio in 1960 and pursued graduate studies in that field at the University of California at Berkeley. She has written extensively on family planning topics and has made working visits to the Middle East and Southeast Asia.

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Minja Kim Choe, Computer Specialist, was born and raised in Seoul, Korea, and was educated at Yonsei University, where she earned her bachelor's degree, and at the University of Chicago, where she received her M.S. in mathematics. During 1970-71 she was a computer specialist with the Statistical and Computing Center at the University of Hawaii, prior to that time she served as programmer for one year at the Institute for Research in Computer Science, University of Chicago, and for two years at the Laboratory for Nuclear Science, Massachusetts Institute of Technology.

Robert Kaya, Computer Programmer, holds a B.S. degree in computer science from the University of Dayton and has done graduate study at the University of Hawaii. He served as a data processing specialist at the School of Nursing, University of Hawaii in 1970-72.

Ann Midkiff, Computer Programmer, is a graduate of the University of Hawaii with a B.S. degree in physics and an M.S. degree in information sciences. She formerly was a research assistant in the department of information sciences at the University of Hawaii. In 1968-69 she was a Fellow in biophysics at M.D. Anderson Cancer Institute. During 1970-71 she served as a teaching assistant in the department of general sciences at the University of Hawaii, instructing in undergraduate laboratory courses in physics and biological science.

Doris Tamanaha, Computer Programmer, received both her undergraduate and graduate education at the University of Hawaii, where she studied electrical engineering. During 1969-70 she served as a member of the technical staff in the Autonetics Division at North American Rockwell Corporation, Anaheim, California. In 1970 she joined the Electrical Engineering Department at the University of Hawaii as a programming assistant. She also has served as a systems analyst for the Hamilton Graduate Library at the University of Hawaii and has assisted the East-West Communication Institute in computer programming efforts.

Michael Ann Hoyer, Keypunch Operator, joined the Institute after completing her bachelor's degree at the University of Hawaii. She has worked as a keypuncher at the Computing Center, the Institute of Astronomy, and for the Hawaii Pregnancy, Birth Control and Abortion Study.

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Virginia Dolan, Administrative Assistant to the Director of the Institute, is a graduate and former employee of the University of Hawaii. She joined the East-West Center in January 1963 as administrative assistant in the Public Affairs Office, having served for the previous five years on the secretarial staff of Governor William F. Quinn. She was assigned to the Population Institute in 1969.

FELLOWS

Dr. Betty Jamie Chung, who works with the Social Research Center at the Chinese University of Hong Kong, is at the Population Institute to analyze data from a survey of the impact of industrialization on fertility in Hong Kong. She also is collaborating on portions of the Institute's Value of Children project.

Dr. Dennis L. Meadows, Associate Professor of Engineering and Business, Thayer School of Engineering, Dartmouth College, will do population research and teach in Institute seminars on the methodology of the Meadows World Population Resources computer model.

Dr. Donella H. Meadows is an Assistant Professor of Environmental Studies at the Thayer School of Engineering, Dartmouth College. She also will be involved in research and instruction of the Meadows World Population/Resources computer model.

Dr. Norman B. Ryder, a Princeton University Professor of Sociology, is expected at the Institute in February 1974 to work on a "methodological model of transition to a stationary population."

East-West Technology and Development Institute

The East-West Technology and Development Institute is concerned with the problem of increasing understanding of the development process as a whole. Emphasis is placed on the roles and interactions of people, institutions, policies and technological change as development proceeds in both East and West. By addressing the global import of technological change, the Institute seeks to further mutual understanding and better relations. In accomplishing the Center's goals, the Institute program integrates its professional development, research and graduate study activities around four major subdivisions dealing with economic, social, cultural and political factors which affect the adoption of new ideas. Research and professional development projects--which also involve graduate students as much as possible while pursuing their course work at the University of Hawaii and elsewhere--are listed below under the Institute's four program subdivisions: Employment-Oriented Development Planning; Technology Adaptation; Small-Scale Entrepreneurship Development; and Public Policy and Institution Development.

EMPLOYMENT-ORIENTED DEVELOPMENT PLANNING-(Goal): Economic development must encompass concern for the problems of social development and income distribution along with economic growth. Hence, special emphasis is given to the problem of employment in relationship to overall development policy and planning. The Institute seeks to develop a framework for policy-making explicitly linking employment, technology and output.

PROFESSIONAL DEVELOPMENT

1. Project Feasibility and Evaluation — January 14-25, 1974 (Also planned for 1975)

Twenty-seven project managers and development planners from government, academic and private sectors will be provided an opportunity to exchange ideas and experiences concerning feasibility and evaluation studies with the aim of improving methods and techniques through mutual learning. Plans include development of a feasibility studies manual for use as a management tool. Participants will present papers illustrating processes and techniques used in project feasibility studies they have undertaken. The project in 1975 is to focus on the public works sector of government through case studies presented by participants, and will be integrated with the Regional Development Planning project.

Participation at the planning stage indicates representation from the following: American Samoa, Republic of China, Fiji, Guam, Indonesia, Korea, Malaysia, Micronesia, Philippines, Thailand, Western Samoa, United States.

Prospective Cooperating Institutions: Asian Productivity Organization, International Labor Organization, South Pacific Commission, Georgia Institute of Technology Industrial Development Division, East-West Food Institute.

Project Coordinators: Dr. Manuel Alba, Director; Prof. Louis Goodman, Assistant Director; and Dr. John Richards, Research Associate, Dr. Clark C. Bloom, Program Advisor, The Ford Foundation, will serve as a staff consultant.

2. Regional Development Planning — March 1974 (Also planned for 1975)

Fifteen men and women involved in development planning and development administration, preferably at the mid-management level, will focus their attention on developing guidelines for regional social and economic development planning efforts among Pacific Island countries and non-metropolitan regions of Asia and the United States. Participants will be involved in a general

orientation to the basic principles of regional development planning. They will share their ideas and experiences on various methods and techniques of planning, allocation of resources and approaches to integrated planning. Participants will also be grouped into teams to work on specific project exercises.

Participation in the planning stage indicates representation from the following: American Samoa, Australia, Fiji, Indonesia, Korea, New Zealand, Papua-New Guinea, Philippines, Thailand, Western Samoa, United States.

Prospective Cooperating Institutions: University of the South Pacific (Fiji), University of Hawaii, Mindanao State University (Philippines), Yeungnam University (Korea), Hasanuddin University (Indonesia).

Project Coordinators: Drs. Ben Finney, Bruce Koppel, John Richards, Research Associate; and Prof. Louis Goodman, Assistant Director.

RESEARCH

1. Development of Light Engineering Industry 1973-75

A pilot study of the metals industry in the Philippines will be expanded in 1974 to Indonesia, Malaysia and Thailand. The research objective is to gain a better understanding of the problems and capacity of the light engineering sector in generating production and employment. The project aims to evaluate the sector's role in national industrialization efforts; to study the process of technological change; and to study the impact of present government policies with a view to improving such policies. After six months of field survey work in 1974, the co-investigators will spend four to six months at the Institute writing their reports. The project will end with a seminar focusing on "Key Sectors in an Employment-Oriented Strategy." Graduate students, particularly in economics, will be teamed with country investigators during the field phase of the project and will write their dissertations on aspects of the projects studied.

A Senior Fellow is scheduled to join the project in the Summer and Fall of 1974 to study the economics of technical change and innovation in the engineering and other sectors. Institute staff will participate as appropriate in regard to management problems of engineering firms, as well as in the process of innovation diffusion. One of the results of the project is expected to be a book.

Prospective Cooperating Institutions: International Rice Research Institute, Board of Investments, Metals Industry Research and Development Center, Institute of Small-Scale Industries, all of the Philippines; International Labor Organization; other institutions to be determined in Malaysia, Thailand, and Indonesia.

Project Coordinator: Dr. John Richards, Research Associate.

2. Trade Technology and Employment 1972-75

This project examining the employment effects of trade-development strategies in Asia was started with a focus on the Philippines but will be expanded to other Asian/Pacific countries. Research is undertaken to study employment effects of trade in the past and to relate those effects to policies with a view to predicting the effects of future trade policies on employment. In the first two years research efforts will be directed at estimating the employment effects of future trends and policy implications, based on the assumption there will be no problems in supply expansion. The last phase of the project will entail detailed sectoral studies of supply problems and the results will be incorporated in the estimates. Fellows and graduate students will undertake individual sector studies.

Prospective Cooperating Institutions: University of the Philippines; Council of Asian Manpower Studies, Hong Kong; University of Hawaii; International Labor Office; ECAFE.

Project Coordinators: Dr. John Richards, Research Associate; Dr. Youngil Lim, Institute Fellow from University of Hawaii economics department; Dr. Romeo Bautista, former Institute Fellow from the School of Economics, University of the Philippines.

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TECHNOLOGY ADAPTATION (Means): In societies at varying stages of socio-economic development, it is important that adaptation, innovation and diffusion of appropriate technologies reflect an optimum use of labor-absorbing techniques and make use of low-cost, locally available materials. The process of technology adaptation and innovation entails a major policy concern for reconciling the need to generate increased employment opportunities as well as increased productivity. Thus, the social objectives of development are consistently pursued along with economic goals.

PROFESSIONAL DEVELOPMENT

1. Low Cost Housing for Low-Income Families — July 9-20, 1973 (Also planned for 1975)

The long-term objective of the project is to develop a collaborative network of institutions in Asia and the United States which are actively involved in the research and development of low-cost construction materials and innovative design concepts for a variety of public works projects, with particular attention to low-income housing. Thirty participants, generally mid-management technicians, businessmen and academicians, exchange ideas and experiences in such areas as selection of materials, structural design, roofing systems and sanitation considerations. Work is carried out through lectures, case studies and discussions, including exploration of past research and development efforts. Ideas for further research (see below) are generated. Collaborative efforts are planned with various institutions--public housing agencies, engineering and architectual firms, funding agencies, and educational institutions--to direct attention to this specific problem of primary concern in all countries.

Participants in the initial workshop included representation from American Samoa, Republic of China, Fiji, Indonesia, Korea, Malaysia, Philippines, Thailand, United States, U.S. Trust Territory (Micronesia) and Western Samoa.

Prospective Cooperating Institutions: University of Hawaii; University of the Philippines; Institute of Technology, Bandung (Indonesia); Asian Institute of Technology, Bangkok (Thailand); Korea Institute of Science and Technology; and the United States Department of Housing and Urban Development (HUD).

Project Coordinators: Prof. Louis Goodman, Assistant Director, and Dr. Alok Chakrabarti, Research Associate. Workshop Directors: Dr. Ernest Tabujara, College of Engineering, University of the Philippines, and Dr. Peter Ho, University of Hawaii College of Engineering.

RESEARCH

1. Low-Cost Construction Materials and Design Concepts — 1972-1975

A seminar of authorities on the subject from five Asian countries and the United States in November 1972 provided basic guidelines to assist the Institute in the development of a network of cooperating institutes for research and development activities in this problem area. In 1973-74 two Institute Fellows (Dr. Hasan Poerbo of the Institute of Technology, Bandung,

and Dr. Albert Dietz of Massachusetts Institute of Technology) will examine a variety of low-cost housing problems common to both East and West, identifying high priority problem areas in selection of materials and design concepts which should be investigated further. The expected output is a research proposal for submission to external funding agencies for support of the necessary research and development by the cooperating institutions. Other resource persons involved included Dr. Masakazu Ozaki, Institute Fellow and Director of the Structural Division, Ministry of Construction, Japan; Dr. George Duggar, Institute Fellow and former Director of the United Nations Centre for Regional Development, Nagoya; Drs. Samuel Zundelevich and Peter Ho of the University of Hawaii civil engineering department.

Cooperating Institutions include: Korea Institute of Science and Technology; Bandung Institute of Technology, (Indonesia); Mindanao State University, (Philippines); Yeungnam University, (Korea); Hasanuddin University, (Indonesia); Asian Institute of Technology, (Bangkok); University of the Philippines; University of Hawaii.

Project Coordinators: Prof. Louis Goodman, Assistant Director, and Dr. Bruce Koppel, Research Associate.

2. Development Technology Center 1972-1975

In 1972 a five-man professional team from the Institute worked for six weeks with counterpart professional staff from the Bandung Institute of Technology in a research project jointly financed with the Rockefeller Foundation. The study is aimed at establishment of a Development Technology Center at Bandung as a national center to assist in the development of small and medium scale firms in Indonesia. In 1973-74 a staff member and Fellow will continue to work on a mutual basis with the Bandung institute staff with the expectation that experience gained will be of value in establishing regional adaptive technology centers (see below under the section on Public Policy and Institution development).

Cooperating Institutions: Bandung Institute of Technology; Georgia Institute of Technology; Korea Institute of Science and Technology; Rockefeller Foundation.

Project Coordinator: Dr. Gary Hansen, Research Associate.

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SMALL-SCALE ENTREPRENEURSHIP DEVELOPMENT (Agents): An important link in the process of technology adaptation and creation of new jobs in local entrepreneurship, both in the private sector and in government-supported enterprises. Risk-taking managers and developers in the small-scale, labor-intensive industries play a key role. In addition to professional development and research concerned with identifying the functions and motivations of entrepreneurs in adapting and diffusing appropriate technologies, the Institute studies and tests institutional and policy frameworks under which entrepreneurs would further technological adaptation and generation of employment.

PROFESSIONAL DEVELOPMENT

1. Entrepreneurship (Tentative dates: July 15-26, 1974)

In the third such workshop conducted by the Institute, 30 administrators of entrepreneurship training programs and practitioners will meet to exchange ideas and experiences on stimulating development of entrepreneurs. Participants will have the benefit of research case studies (see below) in looking for ways to strengthen training centers that can provide leadership in the further development and training of entrepreneurs. It is planned that selected

participants will meet prior to the workshop to develop strategies for the establishment of entrepreneurship development centers. At the workshop in January 1973, participants came from the Republic of China, Indonesia, Korea, Malaysia, the Philippines, Thailand, the United States, and the U.S. Trust Territory (Micronesia).

Prospective Cooperating Institutions: United Nations Industrial Development Organization (UNIDO); Institute of Small Scale Industries, University of the Philippines; Asian Institute of Management (Manila); College of Business Administration, University of Hawaii; Gujarat Industrial Development Corporation, (India).

Project Coordinator: To be named.

RESEARCH

1. Entrepreneurship Case Studies — 1973-75

Recommendation for a long-range series of case studies in entrepreneurship was made at a research seminar at the Institute in March 1973. Twelve participants examined the role of the entrepreneur in the adoption and diffusion of technologies appropriate to local growth and employment needs. Main themes included (a) study of social, cultural and political factors affecting techno-entrepreneurship in small-scale industries, and (b) institutional factors in technology generation and diffusion. Staff members and Fellows will compile case histories of successful and unsuccessful entrepreneurship for the purpose of developing better understanding of the phenomenon of entrepreneurial development. Initial case studies will be conducted in Indonesia, with later investigation in the United States, Korea, Philippines, Thailand and the South Pacific.

Prospective Cooperating Institutions: Bandung Institute of Technology (Indonesia); International Rice Research Institute (Philippines); Korea Institute of Science and Technology; Georgia Institute of Technology.

Project Coordinator: Dr. Ben Finney, Research Associate.

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PUBLIC POLICY AND INSTITUTION DEVELOPMENT (Framework): A key developmental role in the process of generating and diffusing socially-relevant policies and technologies is played by some indigenous science and technology institutions, as well as particular national and sub-regional developmental institutions. The Institute's primary focus is on discerning those factors which enhance institutional capacity for developmental activities beneficial to local social and economic needs.

PROFESSIONAL DEVELOPMENT

1. Public Leadership — October 15-26, 1973 (Also planned for 1974-75)

Twenty-two public and lay community leaders from non-metropolitan municipalities and agencies in 11 countries and territories will meet for two weeks to exchange ideas and experiences concerning the administrative aspects of community development problems. The workshop's aim is to stimulate action programs for leadership development and community development projects. Successful community development projects will be discussed in seminars. Participants will formulate community development projects that integrate the new ideas and insights gathered from interchange during the program. Participants will be mayors, district magistrates and others who have comparable responsibilities in their communities. Mayors of the County of Hawaii and Tuskegee, Alabama, will be among resource participants from the Republic of China, Fiji, Indonesia, Korea, Malaysia, Papua-New Guinea, Philippines, Thailand, the United States and the U.S. Trust Territory (Micronesia).

Prospective Cooperating Agencies and Institutions: In addition to non-metropolitan universities in the Philippines, Indonesia, Korea and the United States, which are part of a network of collaborating institutions, the University of Hawaii at Hilo, the City and County of Honolulu and the county of Hawaii are cooperating in the program.

Project Coordinators: Dr. Suk Choon Cho, Institute Fellow who is a professor in Seoul National University's Graduate School of Public Administration; and Dr. Young-whan Hahn, Research Associate.

2. Non-Metropolitan University and Regional Development — July 5-27, 1973

The primary purpose of the July 1973 Seminar/Workshop is to develop interdisciplinary problem-oriented teams from among faculty members of participating non-metropolitan universities to conduct field research on the feasibilities of Regional Adaptive Technology Centers (ATC) programs (see below). This program focus is expected to lay the guiding principles for initiating a long-term cooperative network of non-metropolitan and regional universities in Asia, the Pacific and the United States to promote and facilitate effective university-community interaction.

Initially, a 17-day working seminar will consider issues and methodologies for studying the potentials and feasibility of developing Regional ATC programs as a basis for the further development of the participating institutions in their desired role in local community/regional growth. This will focus on the factors and strategies involved in establishing institutional programs at participating universities, emphasizing the generation, adaptation and diffusion of technologies appropriate to the conditions of small- and medium-scale industries for regional development and employment creation. Following this workshop, there will be a five-day high level administrators' workshop using the case study approach to examine innovative leadership strategies to provide the necessary institutional policies and framework conducive to the concept and practice of Regional ATC programs.

Participants will include 18 faculty members reflecting varieties of disciplines, and 12 university presidents, top academic and administrative leaders from Fiji, Indonesia, Korea, the Philippines, Thailand, and the United States.

Cooperating Agencies and Institutions: Mindanao State University, the Philippines; Yeungnam University, Korea; Hasanuddin University, Indonesia; Khon-Kaen University, Thailand; the University of South Pacific, Fiji; Georgia Institute of Technology, United States; Tuskegee Institute, Alabama, United States; University of Wisconsin at Green Bay, United States; and University of Hawaii at Hilo, United States.

Project Team: Dr. Young-whan Hahn, Research Associate; Professor Louis Goodman, Assistant Director; and Dr. Bruce Koppel, Research Associate.

RESEARCH

1. Regional Adaptive Technology Center Feasibility Studies — 1972-1974

The objective of this joint research project is to identify and assess potentials for developing Regional Adaptive Technology Centers in relationship to non-metropolitan universities. Preliminary discussions among the cooperating institutions and the Institute began in November 1972 and three interns from the institutions began training as team heads in December 1972. Seminar/workshops on research framework and administrative implications were held in July 1973 and field studies will be continued until March 1974. A seminar on research findings is scheduled for April 1974. In addition to Institute staff, resource personnel involved includes Dr. Ross Hammond of the Georgia Institute of Technology and Dr. Kyu-Bok Whan of the Korea Institute of Science and Technology. Participants over the course of the project will be three professional interns at the dean's academic level for training as

heads of field survey teams, 12 faculty members with interdisciplinary backgrounds, three Fellows with entrepreneurship, industrial engineering and regional policy backgrounds, and three graduate students in political sciences, economics and information sciences.

Cooperating Institutions: Yeungnam University, Korea; Mindanao State University, the Philippines; Hasanuddin University, Indonesia; Agency for International Development/Regional Office, Thailand.

Project Team: Dr. Young-whan Hahn, Research Associate; Prof. Louis Goodman, Assistant Director for Education and Professional Development; and Dr. Bruce Koppel, Research Associate.

2. Case Materials on Institutional Leadership for Local Development
Sept. 1, 1973 - Feb. 28, 1974

The research objective is to produce reference materials for local leadership training programs stressing formulation of new developmental programs and implementation within the constraints of various local political and socio-economic conditions. Feedback is expected from Asian, Pacific and American participants in the Institute's continuing series of public leadership workshops. Two Institute Fellows, Dr. Suk-choon Cho of the Graduate School of Public Administration at Seoul National University, and Dr. Pharani Kirtiputra of National Institute of Development Administration, Bangkok, Thailand, will join the Institute staff in working out a theoretical scheme and writing up some case materials.

Project Coordinators: Dr. Young-whan Hahn, Research Associate, Dr. Bruce Koppel, Research Associate, and Dr. Suk-choon Cho, Fellow.

PROFESSIONAL INTERNSHIPS

Individualized internship programs are designed for a limited number of young, mid-career administrators who are being considered for, or are about to assume, responsible administrative positions in non-metropolitan universities or community agencies. Interns will be given the opportunity for relevant program and administrative experience and academic training in all four of the Institute's program subdivisions--institution building, development planning, entrepreneurship and technology adaptation. They will be assigned to specific research-oriented projects at the Institute related to their interests, as well as to University of Hawaii short course work and seminar and other appropriate Hawaii-based administrative program units.

Cooperating Institutions: Interns are sponsored by Hasanuddin University, Indonesia; Yeungnam University, Korea; and Mindanao State University, Philippines. The program will include interns from the University of Hawaii at Hilo, Tuskegee Institute, Alabama, and the University of the South Pacific, Fiji, in 1975.

Project Coordinators: Prof. Louis Goodman, Assistant Director; Dr. Young-whan Hahn, Dr. John Richards, Dr. Ben R. Finney, and Dr. Bruce Koppel, Research Associates.

FUTURE PROGRAM OUTLOOK

In planning and formulating research and professional development projects, the Institute conducts a continuing assessment of mutual issues and problems that affect the Center's geographic operational areas--Asia, the Pacific and the United States. The major consideration for the Institute, of course, is the impact of these issues on development process and the role of technology. It thus becomes necessary for the Institute to obtain responses and suggestions not only from participants to its programs but also from the many institutional linkages that it has established the past years.

In the future, as resources permit, the Institute considers devoting some attention to such problem concerns as: urbanization, environmental crisis, energy problem, manpower development, rural development, transportation, technology information dissemination, and inland water and ocean resource management.

STAFF

Dr. Manuel S. Alba assumed the directorship of the East-West Technology and Development Institute on June 1, 1973. He is on leave from the University of the Philippines where he was Director of Graduate Studies, Professor and Chairman of the Department of Marketing and Business Administration in the School of Business. Before joining the Center, Dr. Alba directed the implementation of educational reforms in the Philippines, first as Project Director of the Presidential Commission on Education which undertook a national comprehensive assessment of the country's educational system, and then as Executive Director of the Presidential Education Task Force which is entrusted with administering the massive development projects in education recommended by the Presidential Commission. Dr. Alba has had extensive management consulting experience in both public and private enterprises which took him to countries in Asia. Dr. Alba holds a doctorate degree in business administration from Northwestern University.

Prof. Louis J. Goodman is Assistant Director for Education and Professional Development. He has some 22 years of experience as an engineering educator, researcher and consultant, and holds degrees in Civil Engineering from Massachusetts Institute of Technology and Harvard University. He is a registered professional engineer. He has taught undergraduate and graduate engineering courses at Ohio State, Lehigh and Syracuse universities, as well as directing research studies. Before coming to the East-West Center, he served as project specialist in engineering education with the Ford Foundation in the Philippines. He is senior author of a textbook and over 40 papers in national and international journals. He has received numerous citations and honors for his contributions to engineering education in Egypt, Ecuador and the Philippines. His areas of research concern technology adaptation and institution development.

Dr. Ben R. Finney holds a joint appointment as Research Associate in the Institute and as associate professor of anthropology at the University of Hawaii. He holds a Ph.D. in social anthropology from Harvard University. He served as a senior research fellow with the Institute of Advanced Studies at the Australian National University and was a Fulbright Fellow in New Guinea. He is primarily concerned with the impact of economic and technological change on the people of the Pacific region and has conducted research on that topic in French Polynesia, Papua, New Guinea and Australia as well as in Hawaii.

Dr. Young-whan-Hahn, Research Associate, is a graduate of Seoul National University and the University of Pittsburgh. From 1963 to 1970 he was chairman and assistant professor in the department of public administration at Chung-Ang University in Korea. Presently he is on extended leave from Chung-Ang University to serve on the staff of the Institute. He is conducting research in the public policy and institution development area.

Dr. Gary Hansen serves both as a Research Associate and Senior Program Officer for research administration in the Institute. Dr. Hansen is a graduate of the University of California at Berkeley with a doctoral degree in political science. From 1963 to 1965 he was a training associate in Indonesia for the Ford Foundation and is currently a member of the Indonesian Panel of the Southeast Asia Development Advisory Group (SEADAG). His area of research concern is developmental institution building.

Dr. Bruce Koppel, Research Associate, is a graduate of Cornell University with a Ph.D. in rural sociology and a M.S. in comparative politics. He spent two years in the Philippines working in the University of the Philippines College of Agriculture/Cornell University Graduate Education Program sponsored by the Ford Foundation at Los Banos. He is conducting research in the public policy and institution development area.

Dr. John Richards is a Research Associate in the Institute and holds a joint appointment on the faculty of the department of economics at the University of Hawaii. He is a graduate of the University of Illinois and the University of Wisconsin. Prior to his East-West Center appointment, he served as a research assistant at the University of Wisconsin while pursuing doctoral studies there. He is conducting research in the employment-oriented development policy and planning area.

Harold Ajirogi, a native of Lahaina, Maui, is Senior Program Officer with special responsibility for planning and implementing the Institute's professional development programs. He holds a master's degree in education from the University of Illinois. From 1952 to 1967 he served in various administrative capacities with the Division of Vocational Rehabilitation in the State of Hawaii, Department of Education.

Fredrich Burian completed undergraduate studies in chemistry and a master's degree in philosophy at the University of Hawaii. He has served as a research assistant in the chemistry departments at Wayne State and Stanford Universities and at the University of Hawaii. He holds a certificate in instructional media systems, serves as the Institute's documentation specialist and is concerned with the dissemination of technology information.

Mrs. Mendl Djunaidy is Program Officer for the Institute's graduate study program. She earned an M.A. from John Hopkins University, School of Advanced International Studies. She was a recipient of the Frances P. Bolton Fellowship, was a research assistant in the Brookings Institution and at the Institute for International Studies, in Washington, D.C., before joining the Institute staff. She also studied under an East-West Center scholarship in 1969-70.

Mrs. Marian Inouye is the Resource Materials Technician responsible for resource materials collection and distribution of Institute publications. Before coming to the East-West Center she was a library assistant for the Hawaii State Library system.

Mrs. Harriet Kusuhara, Senior Administrative Assistant, has been with the East-West Center since its inception in 1960. Before joining the Center staff she was with the International Cooperation Center, the training center established in the Office of the Governor, State of Hawaii.

FELLOWS

Dr. Suk Choon Cho, Professor at the Graduate School of Public Administration, Seoul National University, served as director of the Fall 1973 Public Leadership Workshop. While at the Technology and Development Institute, he also is preparing a number of case studies on institutional leadership at the regional and non-metropolitan level in developing countries.

Dr. Albert Dietz, Professor of Building Engineering, School of Architecture and Planning, Massachusetts Institute of Technology, is working on the development of a major research program on low-cost construction materials in collaboration with several Asian and American institutions, including the University of Hawaii College of Engineering.

Dr. George Duggar will complete a comparative study of public policy for low-income housing in Asia and participate as a resource person in a March 1974 seminar on Regional Development Planning. He was a Senior Fellow at the Institute from February - August 1973 and came from Nagoya, Japan, where he served as Director of the United Nations Center for Regional Development.

Brother Paul Hebert, F. S. C., Dean of the Graduate School of La Salle College in Manila, Philippines, will evaluate previous professional development projects as a basis for future integration of workshop activities at the Institute. He also is expected to work with staff and other Fellows on the Institute's research in the area of institution building.

Dr. Pharani Kirtiputra, Lecturer, School of Public Administration at Thailand National Institute of Development Administration, is developing case materials on public leadership in the context of initiation, implementation and institutionalization of developmental programs for socio-economic development. She also served as resource person for the Public Leadership Workshop.

Dr. Youngil Lim is a University of Hawaii Associate Professor of Economics. He is completing research on trade and technological change in manufactures in South Korea.

Dr. Richard E. Peterson, Associate Professor at the University of Hawaii's College of Business Administration, is collaborating with Institute staff in research on entrepreneurship. His work will create the basis for preparation and teaching of a course on the economics of entrepreneurship at the University of Hawaii.

Dr. Hasan Poerbo is the Head of the School of Architecture at Indonesia's Bandung Institute of Technology. He joins the Institute to collaborate in a major research program on the development of low-cost construction materials.

Dr. Pan A. Yotopoulos, Professor of Economics, Food Research Institute, Stanford University, will analyze the effects of policy on income distribution and employment in the agricultural sector of several Asian countries.

Open Grants

The East-West Center each year offers a limited number of scholarships for degree study, as well as invitational awards for Fellows, whose academic and research interests are not directly related to the Center's problem-oriented programs. These Open Grants provide the Center with flexibility for accomplishing its goals and for program innovation.

Fellows are invited to engage in research, and to work with graduate students, on broad themes selected each year. The theme on which the Fellows listed below were invited to make a research contribution in 1973-74 is "The Urban Environment in the Contemporary Spirit." Research deals with the common aspects of urban affairs in both East and West which affect the quality of life.

Professional development projects are not conducted in the Open Grants division. But graduate students are encouraged to participate on an extra-curricular basis in projects involving community development. Honolulu, because of the many ethnic and cultural strains represented in its population, has much to offer as a practical laboratory in intercultural relations.

COMMUNITY SERVICE PROJECTS

Forty-four students in the Fall of 1973 were engaged several hours each week in a variety of community projects--16 in all. Projects and students are carefully matched in an effort to ensure mutual enrichment. Some of the projects:

A journalism major from Micronesia helped with a newsletter put out by a community center in Honolulu's Chinatown.

A medical student from New Zealand and a pre-nursing student from Laos helped with health clinics at the same center.

An art history major from New York conducted school groups on educational tours of the Honolulu Academy of Arts.

A student majoring in Pacific Island Studies shared his knowledge of Hawaiian culture with fifth and sixth graders at Anuenue School in Palolo.

Several students were involved in tutoring programs at various public schools, and one student worked with a senior citizen's group at the Atherton YMCA; others worked with teenage and youth groups in the Hawaii Job Corps.

STAFF

Sumi Y. Makey, Executive Officer of Open Grants, has been a staff member of the East-West Center since 1964. Mrs. Makey received her bachelor's degree in psychology from the University of Hawaii and her master's degree in counseling and guidance from Teachers College, Columbia University. She came to the East-West Center after four years with the U.S. Office of Education as a Far East program specialist working with AID participants from Asia.

Rose Nakamura, Program Officer, has been with the East-West Center since July 1963. Educated at the University of Hawaii where she earned her B.S. degree, Mrs. Nakamura pursued graduate studies at the institution and at the University of Southern California. From 1951 to 1963 she served first as lecturer, then instructor, and finally Director of Student Personnel at the University of Hawaii at Hilo. She also served as manager of the Hilo campus library and as a teacher in physical fitness for the Peace Corps groups training in Hilo.

Miriam Gould, Specialist II, has been with the East-West Center since February 1963, working first with the former Institute of Advanced Projects in a variety of offices and posts. Born in India and a resident of that country until she began her college education, Mrs. Gould earned her bachelor's degree at Whittier College and her master's degree at Teachers College, Columbia University.

FELLOWS

Dr. Satyesh C. Chakraborty, a member of the State Planning Board of West Bengal, India, will study the emergence of urban morphology as seen in relation to specific economic roles played by the city of Calcutta.

Prof. Yujiro Hayashi, on the staff of the Tokyo Institute of Technology and President of the Institute of Future Technology in Tokyo, is at the Center to complete an examination of the effects of technological innovation on human welfare.

Prof. Samuel T. Hurst, F.A.I.A., is Dean of the School of Architecture and Fine Arts at the University of Southern California. He will carry out research focusing on new modes of urban community, inner city low-cost housing and the structure of community, professional services and the politics of change, and the search for delivery systems which relate architectural and planning services to the public interest.

Dr. Toshio Noh, Chairman of the Institute of Geography, Tohoku University, Japan, will work on a comparative study of Japanese and American urban problems, with an emphasis on pollution of the environment.

Dr. Somporn Sangchai, Senior Lecturer at the School of Public Administration, National Institute of Development Administration, Thailand, is looking for answers to contemporary urban problems by relating present realities to future alternatives, using Bangkok for development of a case study.